CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 16 March 2023 and expires at the latest on 21 September 2026.

Certificate number: 31-90001-001 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxM-60, JKMSxxxM-60-J, JKMSxxxM-60-MX3, JKMSxxxM-60B-MX-V, JKMSxxxM-60B-MX3, JKMSxxxM-60B-TI, JKMSxxxM-60B-V-MX3, JKMSxxxM-60B-V-TI, JKMSxxxM-60BL-MX3, JKMSxxxM-60BL-TI, JKMSxxxM-60BL-V-MX3, JKMSxxxM-60BL-V-TI, JKMSxxxM-60H-MBB-TI, JKMSxxxM-60H-MBB-V-MX3, JKMSxxxM-60H-MBB-V-TI, JKMSxxxM-60H-MX3, JKMSxxxM-60H-TI, JKMSxxxM-60H-V-MX3, JKMSxxxM-60HB-MX3, JKMSxxxM-60HB-TI, JKMSxxxM-60HB-V-MX3, JKMSxxxM-60HBL-MX3, JKMSxxxM-60HBL-MX3-Q, JKMSxxxM-60HBL-TI, JKMSxxxM-60HBL-TI-Q, JKMSxxxM-60HBL-V-MX3, JKMSxxxM-60HL-MX3, JKMSxxxM-60HL-MX3-Q, JKMSxxxM-60HL-TI, JKMSxxxM-60HL-TI-Q, JKMSxxxM-60HL-V-MX3, JKMSxxxM-60HL-V-MX3-Q, JKMSxxxM-60HL-V-TI-Q, JKMSxxxM-60HLM-B-MX3, JKMSxxxM-60HLM-B-V-MX3, JKMSxxxM-60HLM-MX3, JKMSxxxM-60HLM-V-MX3, JKMSxxxM-60L-MX3, JKMSxxxM-60L-TI, JKMSxxxM-60L-V-MX3 and JKMSxxxM-60L-V-TI

Product data – type JKMSxxxM-60

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60BL-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60BL-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60BL-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60BL-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60B-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60B-MX-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-350, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60B-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60B-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60B-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60HBL-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HBL-MX3-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HBL-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HBL-TI-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HBL-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60HB-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HB-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60HLM-B-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=350-370, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HLM-B-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=350-370, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60HLM-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=350-385, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HLM-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=350-385, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60HL-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HL-MX3-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HL-TI

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HL-TI-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60HL-V-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60HL-V-MX3-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60HL-V-TI-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-350, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60H-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60H-MBB-V-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60H-MBB-V-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60H-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60H-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-60H-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-60-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340 with increments of 5W, 60 cells

Product data – type JKMSxxxM-60L-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60L-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60L-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60L-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-001 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
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- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 16 March 2023 and expires at the latest on 21 September 2026.

Certificate number: 31-90001-002 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxM-60-MX-V, JKMSxxxM-60-TI, JKMSxxxM-60-V, JKMSxxxM-60-V-J, JKMSxxxM-60-V-MX3, JKMSxxxM-60-V-TI, JKMSxxxM-66H-MBB-MX3, JKMSxxxM-66H-MBB-V-MX3, JKMSxxxM-66H-TI, JKMSxxxM-66H-V-TI, JKMSxxxM-66HB-TI, JKMSxxxM-66HB-V-TI, JKMSxxxM-6RL3-B-TI, JKMSxxxM-6RL3-TI, JKMSxxxM-6RL3-V-TI, JKMSxxxM-6TL3-TI, JKMSxxxM-6TL3-V-TI, JKMSxxxM-72, JKMSxxxM-72B-MX3, JKMSxxxM-72B-TI, JKMSxxxM-72B-V-MX3, JKMSxxxM-72B-V-TI, JKMSxxxM-72BL-MX3, JKMSxxxM-72BL-TI, JKMSxxxM-72BL-V-MX3, JKMSxxxM-72BL-V-TI, JKMSxxxM-72HB-MX3, JKMSxxxM-72HB-TI, JKMSxxxM-72HB-V-MX3, JKMSxxxM-72HBL-MX3-Q, JKMSxxxM-72HBL-TI, JKMSxxxM-72HBL-TI-Q, JKMSxxxM-72HBL-V-MX3, JKMSxxxM-72HL-MX3, JKMSxxxM-72HL-MX3-Q, JKMSxxxM-72HL-TI, JKMSxxxM-72HLM-B-MX3, JKMSxxxM-72HLM-B-V-MX3, JKMSxxxM-72HLM-MX3 and JKMSxxxM-72HLM-V-MX3

Product data – type JKMSxxxM-60-MX-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-350, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-60-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V

Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMSxxxM-66HB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxM-66HB-V-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-365, with increments of 5W, 132 half cut cells

Product data – type JKMSxxxM-66H-MBB-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=370-390, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxM-66H-MBB-V-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-390, with increments of 5W, 132 half cut cells

Product data – type JKMSxxxM-66H-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxM-66H-V-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-390, with increments of 5W, 132 half cut cells

Product data – type JKMSxxxM-6RL3-B-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-405, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxM-6RL3-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-415, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxM-6RL3-V-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-415, with increments of 5W, 132 half cut cells

Product data – type JKMSxxxM-6TL3-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-380, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxM-6TL3-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-380, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxM-72

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72BL-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72BL-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72BL-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72BL-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72B-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72B-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72B-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72B-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72HBL-MX3-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HBL-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HBL-TI-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HBL-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72HB-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HB-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72HLM-B-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=415-445, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HLM-B-V-MX3

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=415-445, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72HLM-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=420-465, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HLM-V-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=400-480, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72HL-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HL-MX3-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HL-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-002 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 23 September 2026.

Certificate number: 31-90001-003 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxM-72-J, JKMSxxxM-72-MX3, JKMSxxxM-72-TI, JKMSxxxM-72-V, JKMSxxxM-72-V-J, JKMSxxxM-72-V-MX3, JKMSxxxM-72-V-TI, JKMSxxxM-72H-MBB-MX3, JKMSxxxM-72H-MBB-TI, JKMSxxxM-72H-MBB-V-MX3, JKMSxxxM-72H-MBB-V-TI, JKMSxxxM-72H-MX3, JKMSxxxM-72H-TI, JKMSxxxM-72H-V-MX3, JKMSxxxM-72HL-TI-Q, JKMSxxxM-72HL-V-MX3, JKMSxxxM-72HL-V-MX3-Q, JKMSxxxM-72HL-V-TI-Q, JKMSxxxM-72L-MX3, JKMSxxxM-72L-TI, JKMSxxxM-72L-V-MX3, JKMSxxxM-72L-V-TI, JKMSxxxM-78H-MBB-MX3, JKMSxxxM-78H-MBB-V-MX3, JKMSxxxM-78H-TI, JKMSxxxM-78H-V-TI, JKMSxxxM-78H-V-TI-Q, JKMSxxxM-78HB-TI, JKMSxxxM-78HB-V-TI, JKMSxxxM-7RL3-TI, JKMSxxxM-7RL3-V-TI, JKMSxxxN-60H-MBB-B-TI, JKMSxxxN-60H-MBB-B-V-TI, JKMSxxxN-60H-MBB-TI, JKMSxxxN-60H-MBB-V-TI, JKMSxxxN-6RL3-B-TI, JKMSxxxN-6RL3-B-V-TI, JKMSxxxN-6RL3-TI, JKMSxxxN-6RL3-V-TI, JKMSxxxN-6TL3-B-TI, JKMSxxxN-6TL3-B-V-TI, JKMSxxxN-6TL3-TI, JKMSxxxN-6TL3-V-TI and JKMSxxxN-72H-MBB-B-TI

Product data – type JKMSxxxM-72HL-TI-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72HL-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72HL-V-MX3-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72HL-V-TI-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-425, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72H-MBB-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72H-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72H-MBB-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72H-MBB-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72H-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72H-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxM-72H-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxM-72-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72L-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72L-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72L-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72L-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type JKMSxxxM-72-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMSxxxM-78HB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-435, with increments of 5W, 156 half-cut cells

Product data – type JKMSxxxM-78HB-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-435, with increments of 5W, 156 half cut cells

Product data – type JKMSxxxM-78H-MBB-MX3

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=440-465, with increments of 5W, 156 half-cut cells

Product data – type JKMSxxxM-78H-MBB-V-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=440-465, with increments of 5W, 156 half cut cells

Product data – type JKMSxxxM-78H-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=405-465, with increments of 5W, 156 half-cut cells

Product data – type JKMSxxxM-78H-V-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-465, with increments of 5W, 156 half cut cells

Product data – type JKMSxxxM-78H-V-TI-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-465, with increments of 5W, 156 half cut cells

Product data – type JKMSxxxM-7RL3-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=430-495, with increments of 5W, 156 half-cut cells

Product data – type JKMSxxxM-7RL3-V-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=430-495, with increments of 5W, 156 half cut cells

Product data – type JKMSxxxN-60H-MBB-B-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=315-330, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxN-60H-MBB-B-V-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=315-330, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxN-60H-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-350, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxN-60H-MBB-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-350, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxN-6RL3-B-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-425, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxN-6RL3-B-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-405, with increments of 5W, 132 half cut cells

Product data – type JKMSxxxN-6RL3-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-420, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxN-6RL3-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-420, with increments of 5W, 132 half cut cells

Product data – type JKMSxxxN-6TL3-B-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-385, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxN-6TL3-B-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxN-6TL3-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-390, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxN-6TL3-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-390, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxN-72H-MBB-B-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=380-400, with increments of 5W, 144 half-cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-003 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

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Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 23 September 2026.

Certificate number: 31-90001-004 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxN-72H-MBB-TI, JKMSxxxN-72H-MBB-V-TI, JKMSxxxN-7RL3-B-TI, JKMSxxxN-7RL3-TI, JKMSxxxN-7RL3-V-TI, JKMSxxxPP-60, JKMSxxxPP-60(Plus)-J4, JKMSxxxPP-60B-MX3, JKMSxxxPP-60B-V-MX3, JKMSxxxPP-60BL-MX3, JKMSxxxPP-60BL-V-MX3, JKMSxxxPP-60H-MX3, JKMSxxxPP-60H-V-MX3, JKMSxxxPP-60HB-MX3, JKMSxxxPP-60HB-V-MX3, JKMSxxxPP-60HBL-MX3, JKMSxxxPP-60HBL-V-MX3, JKMSxxxPP-60HL-MX3 and JKMSxxxPP-60HL-V-MX3

Product data – type JKMSxxxN-72H-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type JKMSxxxN-72H-MBB-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxN-7RL3-B-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-480, with increments of 5W, 156 half-cut cells

Product data – type JKMSxxxN-7RL3-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=430-500, with increments of 5W, 156 half-cut cells

Product data – type JKMSxxxN-7RL3-V-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=430-500, with increments of 5W, 156 half cut cells

Product data – type JKMSxxxPP-60

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60(Plus)-J4

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=210-325, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60BL-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60BL-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60B-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60B-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60HBL-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxPP-60HBL-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxPP-60HB-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxPP-60HB-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxPP-60HL-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxPP-60HL-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V

Description : xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxPP-60H-MX3

Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMSxxxPP-60H-V-MX3

Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=260-315, with increments of 5W, 120 half cut cells

TESTS

Test requirements

IEC 62716:2013
EN 62716:2013

Test result

The test results are laid down in DEKRA test file 614075700.

Additional information

This certificate replaces certificate No. 31-90001-004 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 24 September 2026.

Certificate number: 31-90001-005 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxPP-60-J, JKMSxxxPP-60-MX3, JKMSxxxPP-60-V, JKMSxxxPP-60-V-J, JKMSxxxPP-60-V-MX3, JKMSxxxPP-60L-MX3, JKMSxxxPP-60L-V-MX3, JKMSxxxPP-72, JKMSxxxPP-72-J, JKMSxxxPP-72-MX3, JKMSxxxPP-72B-MX3, JKMSxxxPP-72B-V-MX3, JKMSxxxPP-72BL-MX3, JKMSxxxPP-72BL-V-MX3, JKMSxxxPP-72H-V-MX3, JKMSxxxPP-72HB-MX3, JKMSxxxPP-72HB-V-MX3, JKMSxxxPP-72HBL-MX3, JKMSxxxPP-72HBL-V-MX3, JKMSxxxPP-72HL-MX3, JKMSxxxPP-72HL-V-MX3, JKMSxxxPP-72L-MX3 and JKMSxxxPP-72L-V-MX3

Product data – type JKMSxxxPP-60-J

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60L-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60L-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60-V-J

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-60-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMSxxxPP-72

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72BL-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72BL-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72B-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72B-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72HBL-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72HBL-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72HB-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72HB-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72HL-MX3

Design	:	PV module with poly c-Si cells

Maximum System voltage : 1000V
Description : xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72HL-V-MX3
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72H-V-MX3
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72-J
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72L-MX3
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72L-V-MX3
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72-MX3
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=250-390, with increments of 5W, 72 cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-005 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 24 September 2026.

Certificate number: 31-90001-006 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxPP-72-V, JKMSxxxPP-72-V-J, JKMSxxxPP-72-V-MX3, JKMxxxM-36H, JKMxxxM-54HL4, JKMxxxM-54HL4-B, JKMxxxM-54HL4-B-V, JKMxxxM-54HL4-TV, JKMxxxM-54HL4-V, JKMxxxM-5RL4, JKMxxxM-5RL4-B, JKMxxxM-5RL4-B-V, JKMxxxM-5RL4-TV, JKMxxxM-5RL4-V, JKMxxxM-60, JKMxxxM-60(Plus), JKMxxxM-60(Plus)-V, JKMxxxM-60B, JKMxxxM-60B-V, JKMxxxM-60BL, JKMxxxM-60BL-V, JKMxxxM-60H, JKMxxxM-60HB, JKMxxxM-60HB-V, JKMxxxM-60HBL, JKMxxxM-60HBL-Q, JKMxxxM-60HBL-V, JKMxxxM-60HL, JKMxxxM-60HL-Q, JKMxxxM-60HL-T, JKMxxxM-60HL-T-Q, JKMxxxM-60HL-TV, JKMxxxM-60HL-TV-Q, JKMxxxM-60HL-V, JKMxxxM-60HL-V-Q, JKMxxxM-60HL4, JKMxxxM-60HL4-B, JKMxxxM-60HL4-B-V, JKMxxxM-60HL4-TV, JKMxxxM-60HL4-V, JKMxxxM-60HLM, JKMxxxM-60HLM-B, JKMxxxM-60HLM-B-V, JKMxxxM-60HLM-TV and JKMxxxM-60HLM-V

Product data – type JKMSxxxPP-72-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72-V-J

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMSxxxPP-72-V-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMxxxM-36H

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=195-205, with increments of 5W, 72 half-cut cells

Product data – type JKMxxxM-54HL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-430, with increments of 5W, 108 half-cut cells

Product data – type JKMxxxM-54HL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=380-425, with increments of 5W, 108 half-cut cells

Product data – type JKMxxxM-54HL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=380-400, with increments of 5W, 108 half cut cells

Product data – type JKMxxxM-54HL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-410,with increments of 5W, 108 half cut cells

Product data – type JKMxxxM-54HL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-430, with increments of 5W, 108 half cut cells

Product data – type JKMxxxM-5RL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-435, with increments of 5W, 108 half-cut cells

Product data – type JKMxxxM-5RL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-430, with increments of 5W, 108 half-cut cells

Product data – type JKMxxxM-5RL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-395, with increments of 5W, 108 half cut cells

Product data – type JKMxxxM-5RL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-405, with increments of 5W, 108 half cut cells

Product data – type JKMxxxM-5RL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-435, with increments of 5W, 108 half cut cells

Product data – type JKMxxxM-60

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60(Plus)

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60(Plus)-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60BL
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60BL-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60B-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60H
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HBL
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HBL-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-375, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HBL-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-350, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HB-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-350, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HL

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=400-485, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-445, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-445, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-455, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-485, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HLM

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=350-385, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HLM-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=350-370, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HLM-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=350-370, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HLM-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=355-380, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HLM-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-400, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HL-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HL-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=315-355, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HL-T-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=315-335, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60HL-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=300-375, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HL-TV-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=315-355, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HL-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-350, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60HL-V-Q

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=210-375, with increments of 5W, 120 half cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-006 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 24 September 2026.

Certificate number: 31-90001-007 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMxxxM-60-V, JKMxxxM-60-V-J, JKMxxxM-60H-MBB, JKMxxxM-60H-MBB-T, JKMxxxM-60H-MBB-TV, JKMxxxM-60H-MBB-V, JKMxxxM-60H-T, JKMxxxM-60H-TV, JKMxxxM-60H-V, JKMxxxM-60L, JKMxxxM-60L-V, JKMxxxM-66H, JKMxxxM-66H-MBB, JKMxxxM-66H-MBB-V, JKMxxxM-66H-T, JKMxxxM-66H-TV, JKMxxxM-66H-TV-Q, JKMxxxM-66H-V, JKMxxxM-66H-V-Q, JKMxxxM-66HB, JKMxxxM-66HB-V, JKMxxxM-66HL4, JKMxxxM-66HL4-B, JKMxxxM-66HL4-B-V, JKMxxxM-66HL4-TV, JKMxxxM-66HL4-V, JKMxxxM-6RL3, JKMxxxM-6RL3-B, JKMxxxM-6RL3-B-V, JKMxxxM-6RL3-J, JKMxxxM-6RL3-T, JKMxxxM-6RL3-T-J, JKMxxxM-6RL3-TV, JKMxxxM-6RL3-TV-J, JKMxxxM-6RL3-V, JKMxxxM-6RL3-V-J, JKMxxxM-6RL4, JKMxxxM-6RL4-B, JKMxxxM-6RL4-B-V, JKMxxxM-6RL4-TV, JKMxxxM-6RL4-V, JKMxxxM-6TL3, JKMxxxM-6TL3-B, JKMxxxM-6TL3-B-V, JKMxxxM-6TL3-T, JKMxxxM-6TL3-TV, JKMxxxM-6TL3-V and JKMxxxM-6TL4

Product data – type JKMxxxM-60H-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60H-MBB-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-335, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60H-MBB-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-360, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60H-MBB-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60H-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=315-355, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-60H-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=300-375, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60H-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-350, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-60L

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60L-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type JKMxxxM-60-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-350, with increments of 5W, 60 cells

Product data – type JKMxxxM-66H

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=340-390, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-66HB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=340-365, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-66HB-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=340-365, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66HL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=440-505, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-66HL4-B

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=465-490, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-66HL4-B-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=465-490, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66HL4-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=425-505, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66HL4-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=425-505, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66H-MBB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=370-390, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-66H-MBB-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-390, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66H-T
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-385, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-66H-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-385, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66H-TV-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-395, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66H-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-390, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-66H-V-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=340-380, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-415, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-6RL3-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-405, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-6RL3-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-405, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL3-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-415, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-6RL3-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=355-400, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-6RL3-T-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=355-400, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-6RL3-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=355-400, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL3-TV-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=355-400, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL3-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-415, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL3-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-415, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=455-495, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-6RL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=455-485, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxM-6RL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=455-485, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-495, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6RL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-495, with increments of 5W, 132 half cut cells

Product data – type JKMxxxM-6TL3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-380, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-6TL3-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-365, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-6TL3-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-6TL3-T

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=325-365, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-6TL3-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=325-365, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-6TL3-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-380, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-6TL4
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-007 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

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No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
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Vina Solar Technology Co., Ltd.
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21000 Bac Giang, Vietnam

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Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

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4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-008 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMxxxM-6TL4-B, JKMxxxM-6TL4-B-V, JKMxxxM-6TL4-TV, JKMxxxM-6TL4-V, JKMxxxM-72, JKMxxxM-72(Plus), JKMxxxM-72(Plus)-V, JKMxxxM-72B, JKMxxxM-72B-V, JKMxxxM-72BL, JKMxxxM-72BL-V, JKMxxxM-72H, JKMxxxM-72H-MBB, JKMxxxM-72H-MBB-T, JKMxxxM-72H-MBB-TV, JKMxxxM-72H-MBB-V, JKMxxxM-72H-T, JKMxxxM-72H-TV, JKMxxxM-72H-V, JKMxxxM-72HB, JKMxxxM-72HB-V, JKMxxxM-72HBL, JKMxxxM-72HBL-V, JKMxxxM-72HL, JKMxxxM-72HL-Q, JKMxxxM-72HL-T, JKMxxxM-72HL-T-Q, JKMxxxM-72HL-TV, JKMxxxM-72HL-TV-Q, JKMxxxM-72HL-V, JKMxxxM-72HL-V-Q, JKMxxxM-72HL4, JKMxxxM-72HL4-B, JKMxxxM-72HL4-B-V, JKMxxxM-72HL4-J, JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J, JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J, JKMxxxM-72HLM, JKMxxxM-72HLM-B, JKMxxxM-72HLM-B-V, JKMxxxM-72HLM-TV, JKMxxxM-72HLM-V, JKMxxxM-72L and JKMxxxM-72L-V

Product data – type JKMxxxM-6TL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=415-440, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxM-6TL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=415-440, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-6TL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-450, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-6TL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-450, with increments of 5W, 120 half cut cells

Product data – type JKMxxxM-72

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72(Plus)

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72(Plus)-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72BL

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72BL-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72H

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HBL

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HBL-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-450, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HB-V

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=335-450, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HL4
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=475-585, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HL4-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=515-535, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HL4-B-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=510-535, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL4-J
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=475-585, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HL4-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=460-580, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL4-TV-J
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=460-580, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL4-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=460-585, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL4-V-J
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=460-585, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HLM

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=420-465, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HLM-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=415-445, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HLM-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=415-445, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HLM-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-460, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HLM-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=400-480, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HL-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HL-T-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72HL-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-455, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL-TV-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-425, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-450, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72HL-V-Q

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-450, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72H-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72H-MBB-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=385-405, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72H-MBB-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-435, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72H-MBB-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72H-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-72H-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-455, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72H-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-450, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-72L

Design	:	PV module with mono c-Si cells

Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type JKMxxxM-72L-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-420, with increments of 5W, 72 cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-008 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-009 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMxxxM-72-V, JKMxxxM-72-V-J, JKMxxxM-78H, JKMxxxM-78H-MBB, JKMxxxM-78H-MBB-V, JKMxxxM-78H-T, JKMxxxM-78H-TV, JKMxxxM-78H-TV-Q, JKMxxxM-78H-V, JKMxxxM-78H-V-Q, JKMxxxM-78HB, JKMxxxM-78HB-V, JKMxxxM-78HL4-TV, JKMxxxM-78HL4-V, JKMxxxM-7RL3, JKMxxxM-7RL3-B, JKMxxxM-7RL3-B-V, JKMxxxM-7RL3-J, JKMxxxM-7RL3-T, JKMxxxM-7RL3-T-J, JKMxxxM-7RL3-TV, JKMxxxM-7RL3-TV-J, JKMxxxM-7RL3-V, JKMxxxM-7RL3-V-J, JKMxxxM-7RL4, JKMxxxM-7RL4-B, JKMxxxM-7RL4-B-V, JKMxxxM-7RL4-J, JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J, JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J, JKMxxxM-7TL4, JKMxxxM-7TL4-B, JKMxxxM-7TL4-B-V, JKMxxxM-7TL4-J, JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J, JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J, JKMxxxN-32H-MBB-B, JKMxxxN-32HL3-MBB-B, JKMxxxN-48H-MBB-B, JKMxxxN-48HL3-MBB-B, JKMxxxN-54HL4, JKMxxxN-54HL4-B, JKMxxxN-54HL4-B-V, JKMxxxN-54HL4-TV, JKMxxxN-54HL4-V and JKMxxxN-5RL4

Product data – type JKMxxxM-72-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-420, with increments of 5W, 72 cells

Product data – type JKMxxxM-72-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-420, with increments of 5W, 72 cells

Product data – type JKMxxxM-78H

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-465, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-78HB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-435, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-78HB-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-435, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-78HL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V

Description : xxx=555-595, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-78HL4-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=565-605, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-78H-MBB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=440-465, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-78H-MBB-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=440-465, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-78H-T
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=405-455, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-78H-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-455, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-78H-TV-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-455, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-78H-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-465, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-78H-V-Q
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-465, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=430-495, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL3-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-480, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL3-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-480, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL3-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=430-495, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL3-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=420-475, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL3-T-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=420-475, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL3-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=420-475, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL3-TV-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=420-475, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL3-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=430-495, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL3-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=430-495, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=535-590, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=540-575, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=540-575, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL4-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=535-590, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxM-7RL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=490-590, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL4-TV-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=490-590, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=500-590, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7RL4-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=500-590, with increments of 5W, 156 half cut cells

Product data – type JKMxxxM-7TL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=495-570, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-7TL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=495-530, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-7TL4-B-V

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=495-530, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-7TL4-J
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=495-570, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxM-7TL4-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=485-570, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-7TL4-TV-J
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=485-570, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-7TL4-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=495-570, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-7TL4-V-J
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=495-570, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-32HL3-MBB-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=180-195, with increments of 5W, 64 half-cut cells

Product data – type JKMxxxN-32H-MBB-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=170-175, with increments of 5W, 64 half-cut cells

Product data – type JKMxxxN-48HL3-MBB-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-295, with increments of 5W, 96 half-cut cells

Product data – type JKMxxxN-48H-MBB-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=255-265, with increments of 5W, 96 half-cut cells

Product data – type JKMxxxN-54HL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-455, with increments of 5W, 108 half-cut cells

Product data – type JKMxxxN-54HL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=380-450, with increments of 5W, 108 half-cut cells

Product data – type JKMxxxN-54HL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=380-400, with increments of 5W, 108 half cut cells

Product data – type JKMxxxN-54HL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-430, with increments of 5W, 108 half cut cells

Product data – type JKMxxxN-54HL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-455, with increments of 5W, 108 half cut cells

Product data – type JKMxxxN-5RL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-460, with increments of 5W, 108 half-cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-009 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

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No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

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13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

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4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-010 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMxxxN-5RL4-B, JKMxxxN-5RL4-B-V, JKMxxxN-5RL4-V, JKMxxxN-60H-MBB, JKMxxxN-60H-MBB-B, JKMxxxN-60H-MBB-B-V, JKMxxxN-60H-MBB-T, JKMxxxN-60H-MBB-TV, JKMxxxN-60H-MBB-V, JKMxxxN-60H-T, JKMxxxN-60H-TV, JKMxxxN-60HL-T, JKMxxxN-60HL-TV, JKMxxxN-60HL3-MBB-B, JKMxxxN-60HL4, JKMxxxN-60HL4-B, JKMxxxN-60HL4-B-V, JKMxxxN-60HL4-TV, JKMxxxN-60HL4-V, JKMxxxN-66HL4, JKMxxxN-66HL4-B, JKMxxxN-66HL4-B-V, JKMxxxN-66HL4-TV, JKMxxxN-66H -T, JKMxxxN-6RL3, JKMxxxN-6RL3-B, JKMxxxN-6RL3-B-V, JKMxxxN-6RL3-J, JKMxxxN-6RL3-T, JKMxxxN-6RL3-T-J, JKMxxxN-6RL3-TV, JKMxxxN-6RL3-TV-J, JKMxxxN-6RL3-V, JKMxxxN-6RL3-V-J, JKMxxxN-6RL4, JKMxxxN-6RL4-B, JKMxxxN-6RL4-B-V, JKMxxxN-6TL3, JKMxxxN-6TL3-B, JKMxxxN-6TL3-B-V, JKMxxxN-6TL3-T, JKMxxxN-6TL3-TV, JKMxxxN-6TL3-V, JKMxxxN-6TL4, JKMxxxN-6TL4-B and JKMxxxN-6TL4-B-V

Product data – type JKMxxxN-5RL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-455, with increments of 5W, 108 half-cut cells

Product data – type JKMxxxN-5RL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-395, with increments of 5W, 108 half cut cells

Product data – type JKMxxxN-5RL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-460, with increments of 5W, 108 half cut cells

Product data – type JKMxxxN-60HL3-MBB-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=330-370, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60HL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-510, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60HL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-470, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60HL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-445, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-60HL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=400-480, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-60HL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-510, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-60HL-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=315-355, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60HL-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=315-355, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-60H-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-350, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60H-MBB-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=315-330, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60H-MBB-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=315-330, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-60H-MBB-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=330-350, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60H-MBB-TV

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=330-370, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-60H-MBB-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-350, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-60H-T
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60H-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=315-355, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-66H -T
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=345-385, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-66HL4
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=445-525, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-66HL4-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=465-490, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-66HL4-B-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=465-490, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-66HL4-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=440-525, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-6RL3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-420, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-6RL3-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-425, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-6RL3-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-405, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-6RL3-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-420, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-6RL3-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=355-400, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-6RL3-T-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=355-400, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-6RL3-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=355-420, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-6RL3-TV-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=355-420, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-6RL3-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-420, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-6RL3-V-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-420, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-6RL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=455-495, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-6RL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=455-485, with increments of 5W, 132 half-cut cells

Product data – type JKMxxxN-6RL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=455-485, with increments of 5W, 132 half cut cells

Product data – type JKMxxxN-6TL3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-390, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-6TL3-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-385, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-6TL3-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-6TL3-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=325-365, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-6TL3-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=325-380, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-6TL3-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-390, with increments of 5W, 120 half cut cells

Product data – type JKMxxxN-6TL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=415-450, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-6TL4-B

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=415-440, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-6TL4-B-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=415-440, with increments of 5W, 120 half cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-010 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

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No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-011 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMxxxN-72H-MBB, JKMxxxN-72H-MBB-B, JKMxxxN-72H-MBB-B-V, JKMxxxN-72H-MBB-T, JKMxxxN-72H-MBB-TV, JKMxxxN-72H-MBB-V, JKMxxxN-72H-T, JKMxxxN-72H-TV, JKMxxxN-72HL-T, JKMxxxN-72HL-TV, JKMxxxN-72HL3-MBB-B, JKMxxxN-72HL4, JKMxxxN-72HL4-B, JKMxxxN-72HL4-B-V, JKMxxxN-72HL4-TV, JKMxxxN-72HL4-V, JKMxxxN-78H-T, JKMxxxN-78H-TV, JKMxxxN-7RL3, JKMxxxN-7RL3-B, JKMxxxN-7RL3-B-V, JKMxxxN-7RL3-J, JKMxxxN-7RL3-T, JKMxxxN-7RL3-T-J, JKMxxxN-7RL3-TV, JKMxxxN-7RL3-TV-J, JKMxxxN-7RL3-V, JKMxxxN-7RL3-V-J, JKMxxxN-7RL4, JKMxxxN-7RL4-B, JKMxxxN-7RL4-B-V, JKMxxxN-7TL4, JKMxxxN-7TL4-B, JKMxxxN-7TL4-B-V, JKMxxxN-7TL4-TV, JKMxxxN-7TL4-V, JKMxxxP-60-V and JKMxxxP-60-V-J

Product data – type JKMxxxN-72HL3-MBB-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=400-445, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72HL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=485-615, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72HL4-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=510-535, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72HL4-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=510-535, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-72HL4-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=485-605, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-72HL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=480-615, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-72HL-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72HL-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-455, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-72H-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72H-MBB-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=380-400, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72H-MBB-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=380-400, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-72H-MBB-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=390-420, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72H-MBB-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=390-445, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-72H-MBB-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-72H-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-425, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72H-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-455, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-78H-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=410-460, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-78H-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=410-460, with increments of 5W, 156 half cut cells

Product data – type JKMxxxN-7RL3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=430-500, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL3-B

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-480, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL3-B-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-480, with increments of 5W, 156 half cut cells

Product data – type JKMxxxN-7RL3-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=430-490, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL3-T

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-470, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL3-T-J

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-470, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL3-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-500, with increments of 5W, 156 half cut cells

Product data – type JKMxxxN-7RL3-TV-J

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=425-500, with increments of 5W, 156 half cut cells

Product data – type JKMxxxN-7RL3-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=430-500, with increments of 5W, 156 half cut cells

Product data – type JKMxxxN-7RL3-V-J
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=430-500, with increments of 5W, 156 half cut cells

Product data – type JKMxxxN-7RL4
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL4-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=540-575, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL4-B-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=540-575, with increments of 5W, 156 half cut cells

Product data – type JKMxxxN-7TL4
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=495-600, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-7TL4-B
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=495-530, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-7TL4-B-V
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=495-530, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-7TL4-TV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=480-590, with increments of 5W, 144 half cut cells

Product data – type JKMxxxN-7TL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=495-600, with increments of 5W, 144 half cut cells

Product data – type JKMxxxP-60-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-325, with increments of 5W, 60 cells

Product data – type JKMxxxP-60-V-J

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-325, with increments of 5W, 60 cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-011 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-012 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMxxxP-72-V, JKMxxxP-72-V-J, JKMxxxPP-60, JKMxxxPP-60(Plus), JKMxxxPP-60(Plus)-V, JKMxxxPP-60-V, JKMxxxPP-60-V-J, JKMxxxPP-60B, JKMxxxPP-60B-V, JKMxxxPP-60H, JKMxxxPP-60H-V, JKMxxxPP-60HB, JKMxxxPP-60HB-V, JKMxxxPP-72, JKMxxxPP-72(Plus), JKMxxxPP-72(Plus)-J4, JKMxxxPP-72(Plus)-V, JKMxxxPP-72B, JKMxxxPP-72B-V, JKMxxxPP-72H, JKMxxxPP-72H-V, JKMxxxPP-72HB and JKMxxxPP-72HB-V

Product data – type JKMxxxP-72-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-390, with increments of 5W, 72 cells

Product data – type JKMxxxP-72-V-J

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-390, with increments of 5W, 72 cells

Product data – type JKMxxxPP-60

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMxxxPP-60(Plus)

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMxxxPP-60(Plus)-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMxxxPP-60B

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMxxxPP-60B-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=260-290, with increments of 5W, 60 cells

Product data – type JKMxxxPP-60H

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMxxxPP-60HB

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=260-315, with increments of 5W, 120 half cut cells

Product data – type JKMxxxPP-60HB-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-325, with increments of 5W, 120 half cut cells

Product data – type JKMxxxPP-60H-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-325, with increments of 5W, 120 half cut cells

Product data – type JKMxxxPP-60-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-325, with increments of 5W, 60 cells

Product data – type JKMxxxPP-60-V-J

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=210-325, with increments of 5W, 60 cells

Product data – type JKMxxxPP-72

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMxxxPP-72(Plus)

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMxxxPP-72(Plus)-J4

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=250-390, with increments of 5W, 72 cells

Product data – type JKMxxxPP-72(Plus)-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMxxxPP-72B

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMxxxPP-72B-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 72 cells

Product data – type JKMxxxPP-72H

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMxxxPP-72HB

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMxxxPP-72HB-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-390, with increments of 5W, 144 half cut cells

Product data – type JKMxxxPP-72H-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-390, with increments of 5W, 144 half cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-012 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 25 September 2026.

Certificate number: 31-90001-013 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxM-72HBL-MX3, JKMSxxxPP-72H-MX3, JKMxxxM-66H-TV, JKMxxxPP-72-V, JKMxxxPP-72-V-J, JKSM3-CACA-xxx, JKSM3-CCCA-xxx, JKSM3-CFCA-xxx, JKSM3-CHCA-xxx, JKSM3-DACA-xxx, JKSM3-DCCA-xxx, JKSM3-DFCA-xxx, JKSM3-DHCA-xxx, JKSN3-CCCA-xxx, JKSN3-CHCA-xxx, JKSN3-DCCA-xxx, JKSN3-DHCA-xxx, JKxxxM-66H5-BTV, JKxxxM-66H5-MW, JKxxxM-66H5-MWV, JKxxxM-66R5-BTV, JKxxxM-66R5-MW, JKxxxM-66R5-MWV, MMxxx-54HLD-MB, MMxxx-54HLD-MBV, MMxxx-5RLD-MB, MMxxx-5RLD-MBV, MMxxx-60HLA-AB, MMxxx-60HLA-ABV, MMxxx-60HLA-BB, MMxxx-60HLA-BBV, MMxxx-60HLA-BBV-MBB, MMxxx-60HLA-MB, MMxxx-60HLA-MB-MBB, MMxxx-60HLA-MBV, MMxxx-60HLA-MBV-MBB, MMxxx-60HLD-MB, MMxxx-60HLD-MBV and MMxxx-60HLM-MB

Product data – type JKMSxxxM-72HBL-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type JKMSxxxPP-72H-MX3

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=330-380, with increments of 5W, 144 half cut cells

Product data – type JKMxxxM-66H-TV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-385, with increments of 5W, 132 half cut cells

Product data – type JKMxxxPP-72-V

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-390, with increments of 5W, 72 cells

Product data – type JKMxxxPP-72-V-J

Design	:	PV module with poly c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=250-390, with increments of 5W, 72 cells

Product data – type JKSM3-CACA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-390, with increments of 5W, 132 half cut cells

Product data – type JKSM3-CCCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=340-405, with increments of 5W, 132 half cut cells

Product data – type JKSM3-CFCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-370, with increments of 5W, 132 half-cut cells

Product data – type JKSM3-CHCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=340-380, with increments of 5W, 132 half-cut cells

Product data – type JKSM3-DACA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=400-440, with increments of 5W, 156 half cut cells

Product data – type JKSM3-DCCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=400-450, with increments of 5W, 156 half cut cells

Product data – type JKSM3-DFCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=400-440, with increments of 5W, 156 half-cut cells

Product data – type JKSM3-DHCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=400-450, with increments of 5W, 156 half-cut cells

Product data – type JKSN3-CCCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=345-390, with increments of 5W, 132 half cut cells

Product data – type JKSN3-CHCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=345-370, with increments of 5W, 132 half-cut cells

Product data – type JKSN3-DCCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=410-440, with increments of 5W, 156 half cut cells

Product data – type JKSN3-DHCA-xxx

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=410-440, with increments of 5W, 156 half-cut cells

Product data – type JKxxxM-66H5-BTV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=635-665, with increments of 5W, 132 half cut cells

Product data – type JKxxxM-66H5-MW

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=635-670, with increments of 5W, 132 half-cut cells

Product data – type JKxxxM-66H5-MWV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=635-670, with increments of 5W, 132 half cut cells

Product data – type JKxxxM-66R5-BTV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=630-660, with increments of 5W, 132 half cut cells

Product data – type JKxxxM-66R5-MW

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=630-665, with increments of 5W, 132 half-cut cells

Product data – type JKxxxM-66R5-MWV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=630-665, with increments of 5W, 132 half cut cells

Product data – type MMxxx-54HLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-420, with increments of 5W, 108 half-cut cells

Product data – type MMxxx-54HLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-420, with increments of 5W, 108 half cut cells

Product data – type MMxxx-5RLD-MB

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=375-405, with increments of 5W, 108 half-cut cells

Product data – type MMxxx-5RLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=375-405, with increments of 5W, 108 half cut cells

Product data – type MMxxx-60HLA-AB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-60HLA-ABV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-350, with increments of 5W, 120 half cut cells

Product data – type MMxxx-60HLA-BB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-60HLA-BBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=315-335, with increments of 5W, 120 half cut cells

Product data – type MMxxx-60HLA-BBV-MBB
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-335, with increments of 5W, 120 half cut cells

Product data – type MMxxx-60HLA-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-60HLA-MB-MBB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-60HLA-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-350, with increments of 5W, 120 half cut cells

Product data – type MMxxx-60HLA-MBV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 120 half cut cells

Product data – type MMxxx-60HLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=400-470, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-60HLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=400-470, with increments of 5W, 120 half cut cells

Product data – type MMxxx-60HLM-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=350-385, with increments of 5W, 120 half-cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-013 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 27 September 2026.

Certificate number: 31-90001-014 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	MMxxx-60HLM-MBV, MMxxx-60LA-AB, MMxxx-60LA-ABV, MMxxx-60LA-MB, MMxxx-60LA-MBV, MMxxx-66HLA-AB, MMxxx-66HLA-ABV, MMxxx-66HLA-BBV, MMxxx-66HLA-MB, MMxxx-66HLA-MB-MBB, MMxxx-66HLA-MBV, MMxxx-66HLA-MBV-MBB, MMxxx-66HLD-MB, MMxxx-66HLD-MBV, MMxxx-6RLC-AB, MMxxx-6RLC-ABV, MMxxx-6RLC-BBV, MMxxx-6RLC-MB, MMxxx-6RLC-MBV, MMxxx-6RLD-MB, MMxxx-6RLD-MBV, MMxxx-6TLC-AB, MMxxx-6TLC-ABV, MMxxx-6TLC-BBV, MMxxx-6TLC-MB, MMxxx-6TLC-MBV, MMxxx-6TLD-MB, MMxxx-6TLD-MBV, MMxxx-72HLA-AB, MMxxx-72HLA-ABV, MMxxx-72HLA-BB, MMxxx-72HLA-BBV, MMxxx-72HLA-BBV-MBB, MMxxx-72HLA-MB, MMxxx-72HLA-MB-MBB, MMxxx-72HLA-MBV, MMxxx-72HLA-MBV-MBB, MMxxx-72HLD-MB, MMxxx-72HLD-MBV, MMxxx-72HLM-MB, MMxxx-72HLM-MBV, MMxxx-72LA-AB, MMxxx-72LA-ABV, MMxxx-72LA-MB, MMxxx-72LA-MBV, MMxxx-78HLA-AB, MMxxx-78HLA-ABV, MMxxx-78HLA-BBV, MMxxx-78HLA-MB and MMxxx-78HLA-MB-MBB

Product data – type MMxxx-60HLM-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=350-385, with increments of 5W, 120 half cut cells

Product data – type MMxxx-60LA-AB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type MMxxx-60LA-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type MMxxx-60LA-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type MMxxx-60LA-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 60 cells

Product data – type MMxxx-66HLA-AB

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

Product data – type MMxxx-66HLA-ABV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-365, with increments of 5W, 132 half cut cells

Product data – type MMxxx-66HLA-BBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-385, with increments of 5W, 132 half cut cells

Product data – type MMxxx-66HLA-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

Product data – type MMxxx-66HLA-MB-MBB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=370-390, with increments of 5W, 132 half-cut cells

Product data – type MMxxx-66HLA-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-390, with increments of 5W, 132 half cut cells

Product data – type MMxxx-66HLA-MBV-MBB
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=370-390, with increments of 5W, 132 half cut cells

Product data – type MMxxx-66HLD-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=440-505, with increments of 5W, 132 half-cut cells

Product data – type MMxxx-66HLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=440-505, with increments of 5W, 132 half cut cells

Product data – type MMxxx-6RLC-AB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-405,, with increments of 5W, 132 half-cut cells

Product data – type MMxxx-6RLC-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-405, with increments of 5W, 132 half cut cells

Product data – type MMxxx-6RLC-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=355-400, with increments of 5W, 132 half cut cells

Product data – type MMxxx-6RLC-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-400, with increments of 5W, 132 half-cut cells

Product data – type MMxxx-6RLC-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-400, with increments of 5W, 132 half cut cells

Product data – type MMxxx-6RLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=455-495, with increments of 5W, 132 half-cut cells

Product data – type MMxxx-6RLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=455-495, with increments of 5W, 132 half cut cells

Product data – type MMxxx-6TLC-AB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-365, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-6TLC-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type MMxxx-6TLC-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=325-365, with increments of 5W, 120 half cut cells

Product data – type MMxxx-6TLC-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-365, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-6TLC-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-365, with increments of 5W, 120 half cut cells

Product data – type MMxxx-6TLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=415-450, with increments of 5W, 120 half-cut cells

Product data – type MMxxx-6TLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=415-450, with increments of 5W, 120 half cut cells

Product data – type MMxxx-72HLA-AB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type MMxxx-72HLA-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-425, with increments of 5W, 144 half cut cells

Product data – type MMxxx-72HLA-BB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-425, with increments of 5W, 144 half-cut cells

Product data – type MMxxx-72HLA-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-425, with increments of 5W, 144 half cut cells

Product data – type MMxxx-72HLA-BBV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-405, with increments of 5W, 144 half cut cells

Product data – type MMxxx-72HLA-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type MMxxx-72HLA-MB-MBB

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type MMxxx-72HLA-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-425, with increments of 5W, 144 half cut cells

Product data – type MMxxx-72HLA-MBV-MBB
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type MMxxx-72HLD-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=475-570, with increments of 5W, 144 half-cut cells

Product data – type MMxxx-72HLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=475-570, with increments of 5W, 144 half cut cells

Product data – type MMxxx-72HLM-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=420-465, with increments of 5W, 144 half-cut cells

Product data – type MMxxx-72HLM-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=420-465, with increments of 5W, 144 half cut cells

Product data – type MMxxx-72LA-AB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-410, with increments of 5W, 72 cells

Product data – type MMxxx-72LA-ABV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

Product data – type MMxxx-72LA-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-410, with increments of 5W, 72 cells

Product data – type MMxxx-72LA-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type MMxxx-78HLA-AB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-435, with increments of 5W, 156 half-cut cells

Product data – type MMxxx-78HLA-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-435, with increments of 5W, 156 half cut cells

Product data – type MMxxx-78HLA-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-455, with increments of 5W, 156 half cut cells

Product data – type MMxxx-78HLA-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-465, with increments of 5W, 156 half-cut cells

Product data – type MMxxx-78HLA-MB-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=440-465, with increments of 5W, 156 half-cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-014 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-015 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	MMxxx-78HLA-MBV, MMxxx-78HLA-MBV-MBB, MMxxx-78HLD-MBV, MMxxx-7RLC-AB, MMxxx-7RLC-ABV, MMxxx-7RLC-BBV, MMxxx-7RLC-MB, MMxxx-7RLC-MBV, MMxxx-7RLD-MB, MMxxx-7RLD-MBV, MMxxx-7TLD-MB, MMxxx-7TLD-MBV, MNxxx-54HLD-BBV, MNxxx-54HLD-MB, MNxxx-54HLD-MBV, MNxxx-5RLD-BBV, MNxxx-5RLD-MB, MNxxx-5RLD-MBV, MNxxx-60HLA-AB-MBB, MNxxx-60HLA-ABV-MBB, MNxxx-60HLA-BBV-MBB, MNxxx-60HLA-MB-MBB, MNxxx-60HLA-MBV-MBB, MNxxx-60HLD-BBV, MNxxx-60HLD-MBV, MNxxx-66HLD-BBV, MNxxx-66HLD-MB, MNxxx-66HLD-MBV, MNxxx-6RLC-AB, MNxxx-6RLC-ABV, MNxxx-6RLC-BBV, MNxxx-6RLC-MB, MNxxx-6RLC-MBV, MNxxx-6RLD-BBV, MNxxx-6RLD-MB, MNxxx-6RLD-MBV, MNxxx-6TLC-AB, MNxxx-6TLC-ABV, MNxxx-6TLC-BBV, MNxxx-6TLC-MB, MNxxx-6TLC-MBV, MNxxx-6TLD-BBV, MNxxx-6TLD-MB, MNxxx-6TLD-MBV, MNxxx-72HLA-AB-MBB, MNxxx-72HLA-ABV-MBB, MNxxx-72HLA-BBV-MBB, MNxxx-72HLA-MB-MBB and SMMxxx-78HLA-MBV-TI

Product data – type MMxxx-78HLA-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-465, with increments of 5W, 156 half cut cells

Product data – type MMxxx-78HLA-MBV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=440-465, with increments of 5W, 156 half cut cells

Product data – type MMxxx-78HLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=565-605, with increments of 5W, 156 half cut cells

Product data – type MMxxx-7RLC-AB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-480, with increments of 5W, 156 half-cut cells

Product data – type MMxxx-7RLC-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-480, with increments of 5W, 156 half cut cells

Product data – type MMxxx-7RLC-BBV

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=420-475, with increments of 5W, 132 half cut cells

Product data – type MMxxx-7RLC-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=430-475, with increments of 5W, 156 half-cut cells

Product data – type MMxxx-7RLC-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=430-475, with increments of 5W, 156 half cut cells

Product data – type MMxxx-7RLD-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

Product data – type MMxxx-7RLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=535-590, with increments of 5W, 156 half cut cells

Product data – type MMxxx-7TLD-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=495-540, with increments of 5W, 144 half-cut cells

Product data – type MMxxx-7TLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=495-540, with increments of 5W, 144 half cut cells

Product data – type MNxxx-54HLD-BBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=380-405, with increments of 5W, 108 half cut cells

Product data – type MNxxx-54HLD-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=365-415, with increments of 5W, 108 half-cut cells

Product data – type MNxxx-54HLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=365-415, with increments of 5W, 108 half cut cells

Product data – type MNxxx-5RLD-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=365-405, with increments of 5W, 108 half cut cells

Product data – type MNxxx-5RLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=375-405, with increments of 5W, 108 half-cut cells

Product data – type MNxxx-5RLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=375-405, with increments of 5W, 108 half cut cells

Product data – type MNxxx-60HLA-AB-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=315-330, with increments of 5W, 120 half-cut cells

Product data – type MNxxx-60HLA-ABV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=315-330, with increments of 5W, 120 half cut cells

Product data – type MNxxx-60HLA-BBV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=330-350, with increments of 5W, 120 half cut cells

Product data – type MNxxx-60HLA-MB-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-350, with increments of 5W, 120 half-cut cells

Product data – type MNxxx-60HLA-MBV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-350, with increments of 5W, 120 half cut cells

Product data – type MNxxx-60HLD-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=400-450, with increments of 5W, 120 half cut cells

Product data – type MNxxx-60HLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-460, with increments of 5W, 120 half cut cells

Product data – type MNxxx-66HLD-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=440-495, with increments of 5W, 132 half cut cells

Product data – type MNxxx-66HLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=445-505, with increments of 5W, 132 half-cut cells

Product data – type MNxxx-66HLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=445-505, with increments of 5W, 132 half cut cells

Product data – type MNxxx-6RLC-AB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-405, with increments of 5W, 132 half-cut cells

Product data – type MNxxx-6RLC-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-405, with increments of 5W, 132 half cut cells

Product data – type MNxxx-6RLC-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=355-400, with increments of 5W, 132 half cut cells

Product data – type MNxxx-6RLC-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-410, with increments of 5W, 132 half-cut cells

Product data – type MNxxx-6RLC-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-400, with increments of 5W, 132 half cut cells

Product data – type MNxxx-6RLD-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=440-495, with increments of 5W, 132 half cut cells

Product data – type MNxxx-6RLD-MB

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1000V
Description : xxx=455-495, with increments of 5W, 132 half-cut cells

Product data – type MNxxx-6RLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=455-495, with increments of 5W, 132 half cut cells

Product data – type MNxxx-6TLC-AB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

Product data – type MNxxx-6TLC-ABV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type MNxxx-6TLC-BBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=325-365, with increments of 5W, 120 half cut cells

Product data – type MNxxx-6TLC-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-375, with increments of 5W, 120 half-cut cells

Product data – type MNxxx-6TLC-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-365, with increments of 5W, 120 half cut cells

Product data – type MNxxx-6TLD-BBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=400-450, with increments of 5W, 120 half cut cells

Product data – type MNxxx-6TLD-MB
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

Product data – type MNxxx-6TLD-MBV
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=415-450, with increments of 5W, 120 half cut cells

Product data – type MNxxx-72HLA-AB-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=380-400, with increments of 5W, 144 half-cut cells

Product data – type MNxxx-72HLA-ABV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=380-400, with increments of 5W, 144 half cut cells

Product data – type MNxxx-72HLA-BBV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=390-420, with increments of 5W, 144 half cut cells

Product data – type MNxxx-72HLA-MB-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type SMMxxx-78HLA-MBV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-465, with increments of 5W, 156 half cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-015 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-016 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	MNxxx-72HLA-MBV-MBB, MNxxx-72HLD-BBV, MNxxx-72HLD-MB, MNxxx-72HLD-MBV, MNxxx-7RLC-AB, MNxxx-7RLC-ABV, MNxxx-7RLC-BBV, MNxxx-7RLC-MB, MNxxx-7RLC-MBV, MNxxx-7RLD-BBV, MNxxx-7RLD-MB, MNxxx-7RLD-MBV, MNxxx-7TLD-BBV, MNxxx-7TLD-M, MNxxx-7TLD-MBV, SMMxxx-60HLA-AB-MX3, SMMxxx-60HLA-AB-TI, SMMxxx-60HLA-ABV-MX3, SMMxxx-60HLA-ABV-TI, SMMxxx-60HLA-MB-MBB-TI, SMMxxx-60HLA-MB-MX3, SMMxxx-60HLA-MB-TI, SMMxxx-60HLA-MBV-MBB-TI, SMMxxx-60HLA-MBV-MX3, SMMxxx-60HLA-MBV-TI, SMMxxx-60LA-AB-MX3, SMMxxx-60LA-AB-TI, SMMxxx-60LA-ABV-MX3, SMMxxx-60LA-ABV-TI, SMMxxx-60LA-MB-MX3, SMMxxx-60LA-MB-TI, SMMxxx-60LA-MBV-MX3, SMMxxx-60LA-MBV-TI, SMMxxx-66HLA-AB-TI, SMMxxx-66HLA-ABV-TI, SMMxxx-66HLA-MB-TI, SMMxxx-66HLA-MBV-TI, SMMxxx-6RLC-AB-TI, SMMxxx-6RLC-ABV-TI, SMMxxx-6RLC-MB-TI, SMMxxx-6RLC-MBV-TI, SMMxxx-6TLC-AB-TI, SMMxxx-6TLC-ABV-TI, SMMxxx-6TLC-MB-TI, SMMxxx-6TLC-MBV-TI and SMMxxx-72HLA-AB-MX3

Product data – type MNxxx-72HLA-MBV-MBB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type MNxxx-72HLD-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=480-545, with increments of 5W, 144 half cut cells

Product data – type MNxxx-72HLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=485-555, with increments of 5W, 144 half-cut cells

Product data – type MNxxx-72HLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=485-555, with increments of 5W, 144 half cut cells

Product data – type MNxxx-7RLC-AB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-480, with increments of 5W, 156 half-cut cells

Product data – type MNxxx-7RLC-ABV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-480, with increments of 5W, 156 half cut cells

Product data – type MNxxx-7RLC-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-475, with increments of 5W, 156 half cut cells

Product data – type MNxxx-7RLC-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=430-490, with increments of 5W, 156 half-cut cells

Product data – type MNxxx-7RLC-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=430-475, with increments of 5W, 156 half cut cells

Product data – type MNxxx-7RLD-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=520-585, with increments of 5W, 156 half cut cells

Product data – type MNxxx-7RLD-MB

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=535-590, with increments of 5W, 156 half-cut cells

Product data – type MNxxx-7RLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=535-590, with increments of 5W, 156 half cut cells

Product data – type MNxxx-7TLD-BBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=480-540, with increments of 5W, 144 half cut cells

Product data – type MNxxx-7TLD-M

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=495-540, with increments of 5W, 144 half-cut cells

Product data – type MNxxx-7TLD-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=495-540, with increments of 5W, 144 half cut cells

Product data – type SMMxxx-60HLA-AB-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type SMMxxx-60HLA-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type SMMxxx-60HLA-ABV-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 120 half cut cells

Product data – type SMMxxx-60HLA-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-350, with increments of 5W, 120 half cut cells

Product data – type SMMxxx-60HLA-MB-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 120 half-cut cells

Product data – type SMMxxx-60HLA-MB-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-340, with increments of 5W, 120 half-cut cells

Product data – type SMMxxx-60HLA-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=270-350, with increments of 5W, 120 half-cut cells

Product data – type SMMxxx-60HLA-MBV-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-355, with increments of 5W, 120 half cut cells

Product data – type SMMxxx-60HLA-MBV-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=270-340, with increments of 5W, 120 half cut cells

Product data – type SMMxxx-60HLA-MBV-TI

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=270-350, with increments of 5W, 120 half cut cells

Product data – type SMMxxx-60LA-AB-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-60LA-AB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-60LA-ABV-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-60LA-ABV-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-60LA-MB-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-60LA-MB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-60LA-MBV-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-60LA-MBV-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

Product data – type SMMxxx-66HLA-AB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

Product data – type SMMxxx-66HLA-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=340-365, with increments of 5W, 132 half cut cells

Product data – type SMMxxx-66HLA-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=340-390, with increments of 5W, 132 half-cut cells

Product data – type SMMxxx-66HLA-MBV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=340-390, with increments of 5W, 132 half cut cells

Product data – type SMMxxx-6RLC-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-405,, with increments of 5W, 132 half-cut cells

Product data – type SMMxxx-6RLC-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-405, with increments of 5W, 132 half cut cells

Product data – type SMMxxx-6RLC-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-400, with increments of 5W, 132 half-cut cells

Product data – type SMMxxx-6RLC-MBV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-400, with increments of 5W, 132 half cut cells

Product data – type SMMxxx-6TLC-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-365, with increments of 5W, 120 half-cut cells

Product data – type SMMxxx-6TLC-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type SMMxxx-6TLC-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-365, with increments of 5W, 120 half-cut cells

Product data – type SMMxxx-6TLC-MBV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-365, with increments of 5W, 120 half cut cells

Product data – type SMMxxx-72HLA-AB-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 144 half-cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-016 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 26 September 2026.

Certificate number: 31-90001-017 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxM-6RL3-B-MX3, JKMSxxxM-6RL3-MX3, JKMSxxxM-6RL3-V-MX3, JKMSxxxM-6TL3-V-MX3, JKMSxxxN-6RL3-B-MX3, JKMSxxxN-6RL3-MX3, JKMSxxxN-6RL3-V-MX3, JKMSxxxN-6TL3-B-MX3, JKMSxxxN-6TL3-MX3, JKMSxxxN-6TL3-V-MX3, JKMxxxN-78HL4, JKMxxxN-78HL4-V, SMMxxx-72HLA-AB-TI, SMMxxx-72HLA-ABV-MX3, SMMxxx-72HLA-ABV-TI, SMMxxx-72HLA-MB-MBB-TI, SMMxxx-72HLA-MB-MX3, SMMxxx-72HLA-MB-TI, SMMxxx-72HLA-MBV-MBB-TI, SMMxxx-72HLA-MBV-MX3, SMMxxx-72HLA-MBV-TI, SMMxxx-72LA-AB-MX3, SMMxxx-72LA-AB-TI, SMMxxx-72LA-ABV-MX3, SMMxxx-72LA-ABV-TI, SMMxxx-72LA-MB-MX3, SMMxxx-72LA-MB-TI, SMMxxx-72LA-MBV, SMMxxx-72LA-MBV-MX3, SMMxxx-72LA-MBV-TI, SMMxxx-78HLA-AB-TI, SMMxxx-78HLA-ABV-TI, SMMxxx-78HLA-MB-TI, SMMxxx-7RLC-AB-TI, SMMxxx-7RLC-ABV-TI, SMMxxx-7RLC-MB-TI, SMMxxx-7RLC-MBV-TI, SMNxxx-60HLA-AB-MBB-TI, SMNxxx-60HLA-ABV-MBB-TI, SMNxxx-60HLA-MB-MBB-TI, SMNxxx-60HLA-MBV-MBB-TI, SMNxxx-6RLC-AB-TI, SMNxxx-6RLC-ABV-TI, SMNxxx-6RLC-MBV-TI, SMNxxx-6TLC-AB-TI, SMNxxx-6TLC-ABV-TI, SMNxxx-6TLC-MB-TI, SMNxxx-6TLC-MBV-TI, SMNxxx-72HLA-AB-MBB-TI, SMNxxx-72HLA-ABV-MBB-TI, SMNxxx-72HLA-MB-MBB-TI, SMNxxx-72HLA-MBV-MBB-TI, SMNxxx-7RLC-AB-TI, SMNxxx-7RLC-ABV-TI, SMNxxx-7RLC-MB-TI and SMNxxx-7RLC-MBV-TI

Product data – type JKMSxxxM-6RL3-B-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-405, with increments of 5W, 132 cells

Product data – type JKMSxxxM-6RL3-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-415, with increments of 5W, 132 cells

Product data – type JKMSxxxM-6RL3-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-415, with increments of 5W, 132 cells

Product data – type JKMSxxxM-6TL3-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-380, with increments of 5W, 120 cells

Product data – type JKMSxxxN-6RL3-B-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-425, with increments of 5W, 132 cells

Product data – type JKMSxxxN-6RL3-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-420, with increments of 5W, 132 cells

Product data – type JKMSxxxN-6RL3-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=360-420, with increments of 5W, 132 half-cut cells

Product data – type JKMSxxxN-6TL3-B-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-385, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxN-6TL3-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-390, with increments of 5W, 120 half-cut cells

Product data – type JKMSxxxN-6TL3-V-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-390, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-78HL4

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=570-650, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-78HL4-V

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=570-650, with increment of 5W, 156 half-cut cells

Product data – type SMMxxx-72HLA-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type SMMxxx-72HLA-ABV-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V

Description : xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type SMMxxx-72HLA-ABV-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-425, with increments of 5W, 144 half cut cells

Product data – type SMMxxx-72HLA-MB-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type SMMxxx-72HLA-MB-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

Product data – type SMMxxx-72HLA-MB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

Product data – type SMMxxx-72HLA-MBV-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type SMMxxx-72HLA-MBV-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-395, with increments of 5W, 144 half cut cells

Product data – type SMMxxx-72HLA-MBV-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-425, with increments of 5W, 144 half cut cells

Product data – type SMMxxx-72LA-AB-MX3
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-AB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-410, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-ABV-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-MB-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-MBV

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-MBV-MX3

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-395, with increments of 5W, 72 cells

Product data – type SMMxxx-72LA-MBV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=335-410, with increments of 5W, 72 cells

Product data – type SMMxxx-78HLA-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-435, with increments of 5W, 156 half-cut cells

Product data – type SMMxxx-78HLA-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=405-435, with increments of 5W, 156 half cut cells

Product data – type SMMxxx-78HLA-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=405-465, with increments of 5W, 156 half-cut cells

Product data – type SMMxxx-7RLC-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-480, with increments of 5W, 156 half-cut cells

Product data – type SMMxxx-7RLC-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-480, with increments of 5W, 156 half cut cells

Product data – type SMMxxx-7RLC-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=430-475, with increments of 5W, 156 half-cut cells

Product data – type SMMxxx-7RLC-MBV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=430-475, with increments of 5W, 156 half cut cells

Product data – type SMNxxx-60HLA-AB-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=315-330, with increments of 5W, 120 half-cut cells

Product data – type SMNxxx-60HLA-ABV-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=315-330, with increments of 5W, 120 half cut cells

Product data – type SMNxxx-60HLA-MB-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=320-350, with increments of 5W, 120 half-cut cells

Product data – type SMNxxx-60HLA-MBV-MBB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=320-350, with increments of 5W, 120 half cut cells

Product data – type SMNxxx-6RLC-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=360-405, with increments of 5W, 132 half-cut cells

Product data – type SMNxxx-6RLC-ABV-TI

Design	:	PV module with mono c-Si cells

Maximum System voltage : 1500V
Description : xxx=360-405, with increments of 5W, 132 half cut cells

Product data – type SMNxxx-6RLC-MBV-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-400, with increments of 5W, 132 half cut cells

Product data – type SMNxxx-6TLC-AB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

Product data – type SMNxxx-6TLC-ABV-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-365, with increments of 5W, 120 half cut cells

Product data – type SMNxxx-6TLC-MB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-375, with increments of 5W, 120 half-cut cells

Product data – type SMNxxx-6TLC-MBV-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-365, with increments of 5W, 120 half cut cells

Product data – type SMNxxx-72HLA-AB-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=380-400, with increments of 5W, 144 half-cut cells

Product data – type SMNxxx-72HLA-ABV-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=380-400, with increments of 5W, 144 half cut cells

Product data – type SMNxxx-72HLA-MB-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

Product data – type SMNxxx-72HLA-MBV-MBB-TI
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-425, with increments of 5W, 144 half cut cells

Product data – type SMNxxx-7RLC-AB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=425-480, with increments of 5W, 156 half-cut cells

Product data – type SMNxxx-7RLC-ABV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=425-480, with increments of 5W, 156 half cut cells

Product data – type SMNxxx-7RLC-MB-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1000V
Description	:	xxx=430-490, with increments of 5W, 156 half-cut cells

Product data – type SMNxxx-7RLC-MBV-TI

Design	:	PV module with mono c-Si cells
Maximum System voltage	:	1500V
Description	:	xxx=430-475, with increments of 5W, 156 half cut cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-017 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
18000 An Duong District, Hai Phong, Vietnam

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar (Haining) Co., Ltd.
No. 89 Lianhong Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

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No.1699 Tianxiang Road, Hi-Tech industrial Development Zone
330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

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No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier

CERTIFICATE

Issued to:
Applicant:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Licensee:
Jinko Solar Co., Ltd.
No.1 Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	PV module with poly/mono c-Si cells

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to IEC 62716:2013 and EN 62716:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword 1	:	Ammonia Resistance
Keyword 2	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 17 March 2023 and expires at the latest on 14 February 2027.

Certificate number: 31-90001-018 REV.5

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Crystalline Silicon PV Modules
Trade name(s)	:	Jinko
Type(s)/model(s)	:	JKMSxxxM-60H-MBB-MX3, JKMSxxxM-60HB-V-TI, JKMSxxxM-60HL-V-TI, JKMSxxxM-6RL3-B-V-TI, JKMSxxxM-6TL3-B-MX3, JKMSxxxM-6TL3-B-TI, JKMSxxxM-6TL3-MX3, JKMSxxxM-72H-V-TI, JKMSxxxM-72HB-V-TI, JKMSxxxM-72HBL-V-TI, JKMSxxxM-72HL-V-TI, JKMSxxxM-7RL3-B-TI, JKMSxxxM-7RL3-B-V-TI, JKMSxxxN-60H-MBB-B-V-TI, JKMSxxxN-72H-MBB-B-V-TI, JKMxxxN-54HL4R, JKMxxxN-54HL4R-B, JKMxxxN-54HL4R-V, JKMxxxN-5RL4-TV, JKMxxxN-60HL4R, JKMxxxN-60HL4R-V, JKMxxxN-66H-TV, JKMxxxN-66HL4-V, JKMxxxN-6RL4-TV, JKMxxxN-6RL4-V, JKMxxxN-6TL4-TV, JKMxxxN-6TL4-V, JKMxxxN-72HL4R, JKMxxxN-72HL4R-TV, JKMxxxN-72HL4R-V, JKMxxxN-78HL4-TV, JKMxxxN-78HL4R, JKMxxxN-78HL4R-TV, JKMxxxN-78HL4R-V, JKMxxxN-7RL4-TV, JKMxxxN-7RL4-V, JKMxxxN-7TL4R, JKMxxxN-7TL4R-TV, JKMxxxN-7TL4R-V, JKxxxN-66H5-BTV, JKxxxN-66H5-MW, JKxxxN-66H5-MWV, MNxxx-60HLD-MB and SMNxxx-6RLC-MB-TI

Product data – type JKMSxxxM-60HB-V-TI

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=210-375, with increments of 5W, 120 cells

Product data – type JKMSxxxM-60HL-V-TI

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=210-375, with increments of 5W, 120 cells

Product data – type JKMSxxxM-60H-MBB-MX3

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1000V
Description	:	xxx=320-355, with increments of 5W, 120 cells

Product data – type JKMSxxxM-6RL3-B-V-TI

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=360-405, with increments of 5W, 132 cells

Product data – type JKMSxxxM-6TL3-B-MX3

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1000V
Description	:	xxx=320-365, with increments of 5W, 120 cells

Product data – type JKMSxxxM-6TL3-B-TI

Design	:	PV module with mono c-Si cells

Maximum System Voltage : 1500V
Description : xxx=320-365, with increments of 5W, 120 cells

Product data – type JKMSxxxM-6TL3-MX3
Design : PV module with mono c-Si cells
Maximum System Voltage : 1000V
Description : xxx=335-380, with increments of 5W, 120 cells

Product data – type JKMSxxxM-72HBL-V-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=335-450, with increments of 5W, 144 cells

Product data – type JKMSxxxM-72HB-V-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=335-450, with increments of 5W, 144 cells

Product data – type JKMSxxxM-72HL-V-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=250-450, with increments of 5W, 144 cells

Product data – type JKMSxxxM-72H-V-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=250-450, with increments of 5W, 144 cells

Product data – type JKMSxxxM-7RL3-B-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1000V
Description : xxx=425-480, with increments of 5W, 156 cells

Product data – type JKMSxxxM-7RL3-B-V-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=425-480, with increments of 5W, 156 cells

Product data – type JKMSxxxN-60H-MBB-B-V-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=315-330, with increments of 5W, 120 cells

Product data – type JKMSxxxN-72H-MBB-B-V-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=380-400, with increments of 5W, 144 cells

Product data – type JKMxxxN-54HL4R

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1000V
Description	:	xxx=365-455, with increments of 5W, 108 cells

Product data – type JKMxxxN-54HL4R-B

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1000V
Description	:	xxx=380-450, with increments of 5W, 108 cells

Product data – type JKMxxxN-54HL4R-V

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=365-455, with increments of 5W, 108 cells

Product data – type JKMxxxN-5RL4-TV

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=350-415, with increments of 5W, 108 cells

Product data – type JKMxxxN-60HL4R

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1000V
Description	:	xxx=405-510, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-60HL4R-V

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=405-510, with increments of 5W, 120 half-cut cells

Product data – type JKMxxxN-66HL4-V

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=425-525, with increments of 5W, 132 cells

Product data – type JKMxxxN-66H-TV

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=345-385, with increments of 5W, 132 cells

Product data – type JKMxxxN-6RL4-TV

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=425-510, with increments of 5W, 132 cells

Product data – type JKMxxxN-6RL4-V

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=425-510, with increments of 5W, 132 cells

Product data – type JKMxxxN-6TL4-TV

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=385-465, with increments of 5W, 120 cells

Product data – type JKMxxxN-6TL4-V

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=385-465, with increments of 5W, 120 cells

Product data – type JKMxxxN-72HL4R

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1000V
Description	:	xxx=485-615, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72HL4R-TV

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=485-605, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-72HL4R-V

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=480-615, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-78HL4R

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1000V
Description	:	xxx=570-650, with increments of 5W, 156 half-cut cells

Product data – type JKMxxxN-78HL4R-TV

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=570-645, with increment of 5W, 156 half-cut cells

Product data – type JKMxxxN-78HL4R-V

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=570-650, with increment of 5W, 156 half-cut cells

Product data – type JKMxxxN-78HL4-TV

Design	:	PV module with mono c-Si cells
Maximum System Voltage	:	1500V
Description	:	xxx=570-645, with increment of 5W, 156 half-cut cells

Product data – type JKMxxxN-7RL4-TV

Design	:	PV module with mono c-Si cells

Maximum System Voltage : 1500V
Description : xxx=500-605, with increments of 5W, 156 cells

Product data – type JKMxxxN-7RL4-V
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=500-605, with increments of 5W, 156 cells

Product data – type JKMxxxN-7TL4R
Design : PV module with mono c-Si cells
Maximum System Voltage : 1000V
Description : xxx=495-600, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-7TL4R-TV
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=480-590, with increments of 5W, 144 half-cut cells

Product data – type JKMxxxN-7TL4R-V
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=495-600, with increments of 5W, 144 half-cut cells

Product data – type JKxxxN-66H5-BTV
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=625-700, with increments of 5W, 132 half-cut cells

Product data – type JKxxxN-66H5-MW
Design : PV module with mono c-Si cells
Maximum System Voltage : 1000V
Description : xxx=630-695, with increments of 5W, 132 half-cut cells

Product data – type JKxxxN-66H5-MWV
Design : PV module with mono c-Si cells
Maximum System Voltage : 1500V
Description : xxx=630-695, with increments of 5W, 132 half-cut cells

Product data – type MNxxx-60HLD-MB
Design : PV module with mono c-Si cells
Maximum System Voltage : 1000V
Description : xxx=405-460, with increments of 5W, 120 cells

Product data – type SMNxxx-6RLC-MB-TI
Design : PV module with mono c-Si cells
Maximum System Voltage : 1000V
Description : xxx=360-410, with increments of 5W, 132 cells

TESTS

Test requirements
IEC 62716:2013
EN 62716:2013

Test result
The test results are laid down in DEKRA test file 614075700.

Additional information
This certificate replaces certificate No. 31-90001-018 REV.4 which we hereby declare invalid.

The list of components is laid down in test report 6140757A.50.

Conclusion
The examination proved that all requirements were met.

Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Vina Solar Technology Co., Ltd.
Lot CN-03, factory E12, Van Trung Industry Zone, Viet Yen District
21000 Bac Giang, Vietnam

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

HTSOLAR VIETNAM LIMITED COMPANY
Factory F3-1 and F3-2, Lot F3, Trang Due Industrial park, a part of Dinh Vu-Cat Hai economic zone, Hong phong commune
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Jinko Solar (U.S.) Industries Inc.
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314416 Haining City, Jiaxing City Zhejiang, China

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14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

GREEN WING SOLAR TECHNOLOGY VIET NAM CO., LTD.
Leasing workshop of Hai Cuong Phat Co., Ltd. at Lot CN 5C-4, Que Vo III Industrial Park, Viet Hung Commune
220000 Que Vo District, Bac Ninh, Vietnam

LDK SOLAR HI-TECH (Nanchang) Co., Ltd.
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330096 Nanchang City Jiangxi, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

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13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
230061 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Trade name(s): Jinko stands for

Unique Identifier