

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
PV 50552520

Blatt Sheet
0001

Ihr Zeichen Client Reference
Q.H

Unser Zeichen Our Reference
01-SYM-CN222MIA 001

Ausstellungsdatum Date of Issue
01.08.2022 (day/mo/yr)

Genehmigungsinhaber License Holder
Chint New Energy Technology
Co., Ltd.
No. 1 Jisheng Road,
Jianshan New Zone
Haining
314415 Zhejiang
P.R. China

Fertigungsstätte Manufacturing Plant
Refer to latest revision
of the annex list of factories

Prüfzeichen Test Mark



IEC 62716
Ammonia
Resistance
Regular Production
Surveillance

www.tuv.com
ID 1111257223

Geprüft nach Tested acc. to
IEC 62716:2013
EN 62716:2013

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Type Designation:
Max. System Voltage: up to 1500 VDC (Voc at STC):
With poly c-Si cells:
CHSM6612P/HV-xxx (xxx=310-395, in steps of 5, 72 cells)
CHSM6610P/HV-xxx (xxx=260-325, in steps of 5, 60 cells)
With mono c-Si cells:
CHSM6612M/HV-xxx (xxx=330-405, in steps of 5, 72 cells)
CHSM6610M/HV-xxx (xxx=275-335, in steps of 5, 60 cells)
With ½ cut of poly c-Si cells:
CHSM72P-HC-xxx (xxx=315-440, in steps of 5, 144 cells)
CHSM60P-HC-xxx (xxx=260-365, in steps of 5, 120 cells)
With ½ cut of mono c-Si cells:
CHSM72M-HC-xxx (xxx=330-475, in steps of 5, 144 cells)
CHSM72M-HC-xxx (xxx=520-555, in steps of 5, 144 cells)
CHSM66M-HC-xxx (xxx=395-415, in steps of 5, 132 cells)
CHSM66M-HC-xxx (xxx=480-510, in steps of 5, 132 cells)
CHSM60M-HC-xxx (xxx=275-395, in steps of 5, 120 cells)
CHSM66M-HC-xxx (xxx=645-675, in steps of 5, 132 cells)
CHSM60M-HC-xxx (xxx=590-610, in steps of 5, 120 cells)
CHSM54M-HC-xxx (xxx=390-415, in steps of 5, 108 cells)
CHSM60M-HC-xxx (xxx=435-465, in steps of 5, 120 cells)
CHSM55M-HC-xxx (xxx=535-565, in steps of 5, 110 cells)
Continued on Page 0002

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Dipl.-Ing. (FH) Tim Kirschner

Zertifikat

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Zertifikat Nr. Certificate No.
PV 50552520

Blatt Sheet
0002

Ihr Zeichen Client Reference
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Unser Zeichen Our Reference
01-SYM-CN222MIA 001

Ausstellungsdatum Date of Issue
01.08.2022 (day/mo/yr)

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Prüfzeichen Test Mark



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License Fee - Unit

PV Module

Continuation of Page 0001

CHSM50M-HC-xxx (xxx=490-510, in steps of 5, 100 cells)

CHSM72M(BLH)-HC-xxx
(xxx=330-455, in steps of 5, 144 cells)

CHSM72M(BLH)-HC-xxx
(xxx=520-545, in steps of 5, 144 cells)

CHSM60M(BLH)-HC-xxx
(xxx=275-380, in steps of 5, 120 cells)

CHSM60M(BLH)-HC-xxx
(xxx=435-450, in steps of 5, 120 cells)

CHSM54M(BLH)-HC-xxx
(xxx=390-405, in steps of 5, 108 cells)

CHSM78M-HC-xxx (xxx=585-605, in steps of 5, 156 cells)
With ½ cut of N-type mono c-Si cells:

CHSM66N-HC-xxx (xxx=655-690, in steps of 5, 132 cells)

CHSM60N-HC-xxx (xxx=595-625, in steps of 5, 120 cells)

CHSM78N-HC-xxx (xxx=585-615, in steps of 5, 156 cells)

CHSM72N-HC-xxx (xxx=550-565, in steps of 5, 144 cells)

CHSM54N-HC-xxx (xxx=405-425, in steps of 5, 108 cells)

CHSM60N-HC-xxx (xxx=450-470, in steps of 5, 120 cells)

CHSM72N(BLH)-HC-xxx
(xxx=545-560, in steps of 5, 144 cells)

Continued on Page 0003

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Zertifikat Nr. Certificate No.
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Blatt Sheet
0003

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License Fee - Unit

PV Module

Continuation of Page 0002

CHSM60N(BLH)-HC-xxx

(xxx=455-465, in steps of 5, 120 cells)

CHSM54N(BLH)-HC-xxx

(xxx=410-420, in steps of 5, 108 cells)

Max. System Voltage: up to 1000 VDC (Voc at STC):

With mono c-Si cells:

CHSM6612M-xxx (xxx=330-405, in steps of 5, 72 cells)

CHSM6612M (BL)-xxx (xxx=330-405, in steps of 5, 72 cells)

CHSM6610M-xxx (xxx=275-335, in steps of 5, 60 cells)

CHSM6610M (BL)-xxx (xxx=275-335, in steps of 5, 60 cells)

With poly c-Si cells:

CHSM6612P-xxx (xxx=310-395, in steps of 5, 72 cells)

CHSM6612P (BL)-xxx (xxx=310-395, in steps of 5, 72 cells)

CHSM6610P-xxx (xxx=260-325, in steps of 5, 60 cells)

CHSM6610P (BL)-xxx (xxx=260-325, in steps of 5, 60 cells)

With ½ cut of poly c-Si cells:

CHSM72P/LV-HC-xxx (xxx=315-440, in steps of 5, 144 cells)

CHSM60P/LV-HC-xxx (xxx=260-365, in steps of 5, 120 cells)

Continued on Page 0004



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Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
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Zertifikat Nr. Certificate No.
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Blatt Sheet
0004

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Unser Zeichen Our Reference
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Ausstellungsdatum Date of Issue
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Co., Ltd.
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Zertifiziertes Produkt (Geräteidentifikation)
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Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Continuation of Page 0003

With ½ cut of mono c-Si cells:

CHSM72M(BL)-HC-xxx (xxx=330-455, in steps of 5, 144 cells)
CHSM60M(BL)-HC-xxx (xxx=275-380, in steps of 5, 120 cells)
CHSM72M/LV-HC-xxx (xxx=330-475, in steps of 5, 144 cells)
CHSM72M/LV-HC-xxx (xxx=520-555, in steps of 5, 144 cells)
CHSM60M/LV-HC-xxx (xxx=275-395, in steps of 5, 120 cells)
CHSM66M/LV-HC-xxx (xxx=395-415, in steps of 5, 132 cells)
CHSM66M/LV-HC-xxx (xxx=480-510, in steps of 5, 132 cells)
CHSM72M(BL)-HC-xxx (xxx=520-545, in steps of 5, 144 cells)
CHSM60M(BL)-HC-xxx (xxx=435-450, in steps of 5, 120 cells)
CHSM66M/LV-HC-xxx (xxx=645-675, in steps of 5, 132 cells)
CHSM60M/LV-HC-xxx (xxx=590-610, in steps of 5, 120 cells)
CHSM54M(BL)-HC-xxx (xxx=390-405, in steps of 5, 108 cells)
CHSM54M/LV-HC-xxx (xxx=390-415, in steps of 5, 108 cells)
CHSM60M/LV-HC-xxx (xxx=435-465, in steps of 5, 120 cells)
CHSM55M/LV-HC-xxx (xxx=535-565, in steps of 5, 110 cells)
CHSM50M/LV-HC-xxx (xxx=490-510, in steps of 5, 100 cells)
CHSM78M/LV-HC-xxx (xxx=585-605, in steps of 5, 156 cells)

Continued on Page 0005

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

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Zertifikat Nr. Certificate No.
PV 50552520

Blatt Sheet
0005

Ihr Zeichen Client Reference
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Unser Zeichen Our Reference
01-SYM-CN222MIA 001

Ausstellungsdatum Date of Issue
01.08.2022 (day/mo/yr)

Genehmigungsinhaber License Holder
Chint New Energy Technology
Co., Ltd.
No. 1 Jisheng Road,
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314415 Zhejiang
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Fertigungsstätte Manufacturing Plant
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Prüfzeichen Test Mark



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EN 62716:2013

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Continuation of Page 0004

With 1/2 cut of N-type mono c-Si cells:

CHSM66N/LV-HC-xxx (xxx=655-690, in steps of 5, 132 cells)
CHSM60N/LV-HC-xxx (xxx=595-625, in steps of 5, 120 cells)
CHSM78N/LV-HC-xxx (xxx=585-615, in steps of 5, 156 cells)
CHSM72N/LV-HC-xxx (xxx=550-565, in steps of 5, 144 cells)
CHSM54N/LV-HC-xxx (xxx=405-425, in steps of 5, 108 cells)
CHSM60N/LV-HC-xxx (xxx=450-470, in steps of 5, 120 cells)
CHSM72N(BL)-HC-xxx (xxx=545-560, in steps of 5, 144 cells)
CHSM60N(BL)-HC-xxx (xxx=455-465, in steps of 5, 120 cells)
CHSM54N(BL)-HC-xxx (xxx=410-420, in steps of 5, 108 cells)

Remarks:

- Valid in conjunction with TÜV Rheinland certificate
PV 50542225 Page 0001-0007 and only for the material
combination as listed in the above mentioned test report.

Conditions:

The product test is voluntarily according to technical
regulations. Any change of the design, materials, components
or processing may require the repetition of some of the
qualification tests in order to retain type approval.
The certificate is valid until 01 June 2027.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Dipl.-Ing. (FH) Tim Kirschner

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50552520

Blatt *Sheet*
0006

Ihr Zeichen *Client Reference*
Q.H

Unser Zeichen *Our Reference*
01-SYM-CN222MIA 003

Ausstellungsdatum *Date of Issue*
21.03.2023
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Chint New Energy Technology
Co., Ltd.
No. 1 Jisheng Road,
Jianshan New Zone
Haining
314415 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



IEC 62716
Ammonia
Resistance
Regular Production
Surveillance
www.tuv.com
ID 1111257223

Geprüft nach *Tested acc. to*
IEC 62716:2013
EN 62716:2013

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

PV Module

Same as Page 0001-0005

In addition:

Type Designation:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With ½ cut of mono c-Si cells:

CHSM72M-HC-xxx (xxx=560-570, in steps of 5, 144 cells)

CHSM66M-HC-xxx (xxx=515-520, in steps of 5, 132 cells)

CHSM60M-HC-xxx (xxx=470-475, in steps of 5, 120 cells)

CHSM54M-HC-xxx (xxx=420-425, in steps of 5, 108 cells)

With ½ cut of N-type mono c-Si cells:

CHSM78N-HC-xxx (xxx=620-630, in steps of 5, 156 cells)

CHSM72N-HC-xxx (xxx=540-545, in steps of 5, 144 cells)

CHSM72N-HC-xxx (xxx=570-580, in steps of 5, 144 cells)

CHSM72N (BLH) -HC-xxx

(xxx=565-580, in steps of 5, 144 cells)

CHSM60N-HC-xxx (xxx=475-480, in steps of 5, 120 cells)

CHSM60N (BLH) -HC-xxx

(xxx=470-480, in steps of 5, 120 cells)

CHSM54N-HC-xxx (xxx=430-435, in steps of 5, 108 cells)

CHSM54N (BLH) -HC-xxx

(xxx=425-435, in steps of 5, 108 cells)

Continued on Page 0007

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
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This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.* PV 50552520
Blatt *Sheet* 0007

Ihr Zeichen *Client Reference* Q.H
Unser Zeichen *Our Reference* 01-SYM-CN222MIA 003
Ausstellungsdatum *Date of Issue* 21.03.2023
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Chint New Energy Technology
Co., Ltd.
No. 1 Jisheng Road,
Jianshan New Zone
Haining
314415 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
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Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
IEC 62716:2013
EN 62716:2013

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

PV Module

Continuation of Page 0006

Max. System Voltage: up to 1000 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM78N/LV-HC-xxx (xxx=620-630, in steps of 5, 156 cells)

CHSM72N(BL)-HC-xxx (xxx=565-580, in steps of 5, 144 cells)

CHSM60N(BL)-HC-xxx (xxx=470-480, in steps of 5, 120 cells)

CHSM54N(BL)-HC-xxx (xxx=425-435, in steps of 5, 108 cells)

With ½ cut of mono c-Si cells:

CHSM72M/LV-HC-xxx (xxx=560-570, in steps of 5, 144 cells)

CHSM66M/LV-HC-xxx (xxx=515-520, in steps of 5, 132 cells)

CHSM60M/LV-HC-xxx (xxx=470-475, in steps of 5, 120 cells)

CHSM54M/LV-HC-xxx (xxx=420-425, in steps of 5, 108 cells)

Remarks:

- Manufacturing plant update: see annex.

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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
Fax: +49 221 806-3935



Anlage Fertigungsstättenliste
/Attachment List of Factories



PV 50552520 0001

Anlagenrevision / Annex revision

2

- | | |
|---|--|
| <p>1 Chint Solar (HaiNing) Co., Ltd.
No. 2 Jisheng Road, Jianshan New Zone,
Haining
314415 Zhejiang
P.R. China</p> <p>3 Suzhou Akcome Optronics Science
& Technology Co., Ltd.
No.110, West Jintang Rd, Zhangjiagang
Economic Development Zone,
Zhangjiagang City,
215618 Jiangsu
P.R. China</p> <p>5 Chint New Energy Technology (Yancheng)
Co.,Ltd.
No.1 Tonghui Road, Dafeng District,
Yancheng City,
Jiangsu
P.R. China</p> <p>7 ECONESS ENERGY CO., LTD.
No.58 Haida Road,Huashi Town
Jiangyin
214421 Jiangsu
P.R. China</p> | <p>2 Chint New Energy Technology
Co., Ltd.
No. 1 Jisheng Road,
Jianshan New Zone
Haining
314415 Zhejiang
P.R. China</p> <p>4 Anhui UZON Photovoltaic Technology
Co., Ltd.
No.59,fenghuangshan East Road,
Undertake Industrial Transfer
Demonstration Park, Ma'Anshan,
Anhui
P.R. China</p> <p>6 Chint New Energy Technology
(Jiuquan) Co.,Ltd.
15 Jingwu Road, Jiuquan economic
and Technological Development
Zone, Suzhou District, Jiuquan City,
Gansu
P.R. China</p> <p>8 M.L.T. Solar Energy Product Co.,Ltd.
88/1 Moo. 9 Ko khanun Phanomsarakham
Chachoengsao 24120
Thailand</p> |
|---|--|

9 Songyuan New Energy Technology Co.,Ltd.
No.2211, Jiangye Avenue,
Yadahong Enterprise Service Center,
Ningjiang District, Songyuan,
Jilin
P.R. China

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 01.08.2022

Zertifizierungsstelle
/ Certification Body

