



Product Service

Production facility inspection on the basis of the agreement in the testing and certification rules performed on **2022-01-27**

Project No.: 70.197.22.110937.02

Licence holder:

YUHUAN SUNPRO POWER CO.,LTD
Qinggang Technological Ind.Zon,
317606 Yuhuan, Zhejiang Province
PEOPLE'S REPUBLIC OF CHINA

Production facility:

HoRay Solar Co., Ltd.
No.30-5 Yanxin Road, Huishan Sub-District,
214174 Wuxi City, Jiangsu
PEOPLE'S REPUBLIC OF CHINA

This facility manufactures products certified by TUV SÜD PRODUCT SERVICE for the following Product Category/ies:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

The production facility inspection was conducted according to the instructions of TUV SÜD PRODUCT SERVICE. The requirements to a faultless and homogeneous fabrication as stated in the test and certification rules are met. The applied and documented quality assurance procedures were found suitable.

The next inspection will be conducted latest in **12 months** starting with the date of inspection.

Shanghai, 2022-01-27

Zhulin Zhang
Photovoltaics

Member of TÜV SÜD Product Service GmbH

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

3-13, No.151, Hengtong Road, 200070 Shanghai, P.R.China





Attachment of Factory Inspection Attestation

Project No.: 70.197.22.110937.02

Additional Related Information

from the Certificates

Certificate No.: Z2 107931 0011 Rev. 02

Test report No.:704062011501-02

SPxxx-72M, xxx=370 to 410 in step of 5,
SPxxx-60M, xxx=305 to 340 in step of 5,
SPxxx-54M, xxx=280 to 310 in step of 5,
SPxxx-48M, xxx=245 to 270 in step of 5,
SPxxx-36M, xxx=185 to 205 in step of 5,
SPxxx-144M, xxx=410 to 460 in step of 5,
SPxxx-120M, xxx=340 to 385 in step of 5,
SPxxx-144MG, xxx=380 to 415 in step of 5,
SPxxx-120MG, xxx=315 to 345 in step of 5,
SPxxx-144M10, xxx=520 to 550 in step of 5,
SPxxx-132M10, xxx=480 to 505 in step of 5,
SPxxx-120M10, xxx=435 to 460 in step of 5,
SPxxx-108M10, xxx=390 to 415 in step of 5,
SPxxx-120M12, xxx=580 to 605 in step of 5,
SPxxx-110M12, xxx=530 to 555 in step of 5
xxx is standing for rated output power at STC

Certificate No.: Z2 107931 0009 Rev. 02

Test report No.:704062011502-00

SPxxx-72P, xxx=320 to 350 in step of 5,
SPxxx-60P, xxx=265 to 290 in step of 5,
SPxxx-54P, xxx=240 to 260 in step of 5,
SPxxx-48P, xxx=215 to 235 in step of 5,
SPxxx-36P, xxx=160 to 175 in step of 5,
xxx is standing for rated output power at STC

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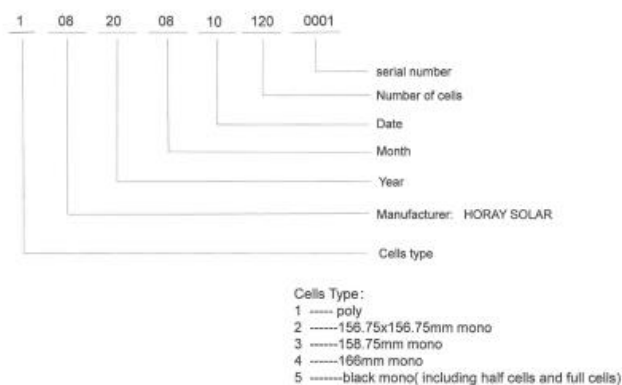


Product Service

Standards:

- IEC 61215-1:2016
- EN 61215-1:2016
- IEC 61215-1-1:2016
- EN 61215-1-1:2016
- IEC 61215-2:2016
- EN 61215-2:2017
- IEC 61730-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-1:2018/AC:2018-06
- IEC 61730-2:2016
- EN IEC 61730-2:2018
- EN IEC 61730-2:2018/AC:2018-06

Serial number Code:



The main processes are inspected in this visit: Cell tabbing, cell stringing and connection of strings Lamination process Assembly of module (including framing), Electrical routine tests (including safety and power). Other detailed information, please refer to the Factory inspection report, latest Certificates and CDFs.

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