

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Zhejiang Sunoren Solar Technology Co., Ltd.
No. 9, Pidu Road,
Haining City, Zhejiang Province,
China

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

PV Modules with 6" Mono-crystalline Silicon Solar Cells

PV Modules with 6" Mono-crystalline Silicon Half-cut Solar Cells



Valid from: 2021-02-01

Valid until: 2026-01-31

Tested according to: IEC / EN 61215-1:2016;
IEC / EN 61215-1-1:2016;
IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018;
IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018;
IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.

Registered No.: 44 780 21 406749 - 015

Manufacturer: see Annex 1

Test Report No.: 492011582.001

File No.: PVP07036/20P-02



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2021-02-01

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: **44 780 21 406749 - 015**

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Aktenzeichen: / File reference: **PVP07036/20P-02**

2021-02-01

Manufacturer:

Manufacturer: **Jiaxing Nengfa Electronic Technology Co., Ltd.**
No. 76, Fengxiang East Road, Wutong Street,
Tongxiang City, Zhejiang Province, China

Factory inspection report no.: **862010526.001**

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

A handwritten signature in blue ink, appearing to read "D. N. F.", located above the company name.

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of product(s):

Module types: **PV Modules with 6" Mono-crystalline Silicon Solar Cells**

72 cells: XNxxxM-72V (xxx = 275-405, in increment of 5)



60 cells: XNxxxM-60V (xxx = 315-335, in increment of 5)

48 cells: XNxxxM-48V (xxx = 250-260, in increment of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Electrical protection class: Class II

Pollution degree: 1

Material group: I

Design load (positive / negative): 3600Pa / 1600Pa

Safety factors: 1.5

Fire safety class: Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types: **PV Modules with 6" Mono-crystalline Silicon Half-cut Solar Cells**

144 half-cut cells: XNxxxM-144HV (xxx = 395-465, in increment of 5)

120 half-cut cells: XNxxxM-120HV (xxx = 330-385, in increment of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Electrical protection class: Class II

Pollution degree: 1

For detailed product information, please refer to CDE (Constructional Data Form) in Annex 1 of test report.

