

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

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

is authorized to provide the product...



[Redacted content]

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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**

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 "Deng...".

**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 = 375-405, in increment of 5)

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

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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

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



TUV NORD CERTIFICATION