

# CERTIFICATE

**TÜV NORD CERT GmbH**

herewith declares that

**Yuhuan Sunpro Power Co., Ltd.**  
Qinggang Technological Ind. Zon, 317606  
Yuhuan, Zhejiang Province  
China

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

**Description of product (details see Annex 2):**

**Double Glass PV Modules with 6" Half-cut Mono p-type Bifacial Solar Cells**

**Double Glass PV Modules with 7" Half-cut Mono p-type Bifacial Solar Cells**



Valid from: 2021-04-22

Valid until: 2024-03-27

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 - 061  
Manufacturer: see Annex 1  
Test Report No.: 492011659.001  
File No.: PVP04044/21P



**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products



Essen, 2021-04-22

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 061

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Aktenzeichen: / File reference: PVP04044/21P

2021-04-22

**Manufacturer:**

Manufacturer 1: **Coded by debtor no. 55424730**

Factory inspection report no.: 862010370.003

Manufacturer 2: **Coded by debtor no. 55483379**

Factory inspection report no.: 862010525.001

**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 "Rogier Miao".

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**Description of product(s):**

|                                    |  |
|------------------------------------|--|
| Module types:                      | <b>Double Glass PV Modules with 6" Half-cut Mono p-type Bifacial Solar Cells:</b><br>144 cells: SPDGxxx-144M6 (xxx = 385-450, in steps of 5)<br>132 cells: SPDGxxx-132M6 (xxx = 360-410, in steps of 5)<br>120 cells: SPDGxxx-120M6 (xxx = 325-375, in steps 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:                      | <b>Double Glass PV Modules with 7" Half-cut Mono p-type Bifacial Solar Cells:</b><br>144 cells: SPDGxxx-144M10 (xxx = 520-545, in steps of 5)<br>132 cells: SPDGxxx-132M10 (xxx = 480-495, in steps of 5)<br>120 cells: SPDGxxx-120M10 (xxx = 435-450, in steps of 5) |
| Maximum system voltage:            | 1500V   |
| Fuse rating:                       | 25A   |
| 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)  |

## Remark:

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



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