

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Solarspace Technology Co., Ltd**  
East of Gaoxin Road, North of Heping Road Extension, Clean Technology  
Industrial Park of Economic and Technological Development Zone,  
Xuzhou, China

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

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

**Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**



Valid from: 2023-01-05

Valid until: 2026-04-27

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	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 - 062R4A1M5
Manufacturer:	see Annex 1
Test Report No.:	492011639.006
File No.:	PVP02089/22P-01



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



Essen, 2023-01-05

Please also pay attention to the information stated overleaf.

**Manufacturer:**

Manufacturer 1: **Jiangsu Yuhui Photovoltaic Technology Co., Ltd**  
South of Kunming Road, Economic Development Zone, Pei County,  
Xuzhou City, Jiangsu, China

Factory inspection report no.: 862010539.002

Manufacturer 2: **Jiangsu Longjia New Energy Co., Ltd**  
1299 Shanghai Road, Economic and Technological Development Zone,  
Suqian City, Jiangsu Province, China

Factory inspection report no.: 862010603.001

**Remark:**

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



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**Consumer Products**

**Description of product(s):**

Module types:	<b>Single Glass PV Modules with Half-cut 6" Mono-crystalline Silicon Solar Cells:</b> 144 cells: SS6-72HS-xxxM (xxx = 430 - 455, increments of 5) 144 cells: SS6-72HSB-xxxM (xxx = 430 - 455, increments of 5) 144 cells: SS6-72HST-xxxM (xxx = 430 - 455, increments of 5) 120 cells: SS6-60HS-xxxM (xxx= 360 - 380, increments of 5) 120 cells: SS6-60HSB-xxxM (xxx= 360 - 380, increments of 5) 120 cells: SS6-60HST-xxxM (xxx= 360 - 380, increments 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:

**Single Glass PV Modules with Half-cut 7" Mono-crystalline Silicon Solar Cells:**

144 cells: SS8-72HS-xxxM (xxx= 525 - 565, increments of 5)

144 cells: SS8-72HSB-xxxM (xxx= 525 - 565, increments of 5)

144 cells: SS8-72HST-xxxM (xxx= 525 - 565, increments of 5)

120 cells: SS8-60HS-xxxM (xxx= 440 - 470, increments of 5)

120 cells: SS8-60HSB-xxxM (xxx= 440 - 470, increments of 5)

120 cells: SS8-60HST-xxxM (xxx= 440 - 470, increments of 5)

108 cells: SS8-54HS-xxxM (xxx= 395 - 420, increments of 5)

108 cells: SS8-54HSB-xxxM (xxx= 395 - 420, increments of 5)

108 cells: SS8-54HST-xxxM (xxx= 395 - 420, increments 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.

## Certificate of conformity with the following European Directives

Registered No.:  
**44 799 23 406749 - 001**

### Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2022-02-25	PVP02089/22P-01	492011639.006	2023-01-05	Essen

This is to certify that the following products comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

**Product:** Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

**Type designation:** See Annex 1

**Applicant:** **Solarspace Technology Co., Ltd**  
East of Gaoxin Road, North of Heping Road Extension, Clean Technology  
Industrial Park of Economic and Technological Development Zone,  
Xuzhou, China

**Standard(s):** EN IEC 61730-1:2018; EN IEC 61730-1:2018/AC:2018-06  
EN IEC 61730-2:2018; EN IEC 61730-2:2018/AC:2018-06

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.



Certification Body  
Specialist Manager Consumer Products

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**Description of product(s):**

Module types: **Single Glass PV Modules with Half-cut 6" Mono-crystalline Silicon Solar Cells:**  
144 cells: SS6-72HS-xxxM (xxx = 430 - 455, increments of 5)  
144 cells: SS6-72HSB-xxxM (xxx = 430 - 455, increments of 5)  
144 cells: SS6-72HST-xxxM (xxx = 430 - 455, increments of 5)  
120 cells: SS6-60HS-xxxM (xxx= 360 - 380, increments of 5)  
120 cells: SS6-60HSB-xxxM (xxx= 360 - 380, increments of 5)  
120 cells: SS6-60HST-xxxM (xxx= 360 - 380, increments of 5)

Module types: **Single Glass PV Modules with Half-cut 7" Mono-crystalline Silicon Solar Cells:**  
144 cells: SS8-72HS-xxxM (xxx= 525 - 565, increments of 5)  
144 cells: SS8-72HSB-xxxM (xxx= 525 - 565, increments of 5)  
144 cells: SS8-72HST-xxxM (xxx= 525 - 565, increments of 5)  
120 cells: SS8-60HS-xxxM (xxx= 440 - 470, increments of 5)  
120 cells: SS8-60HSB-xxxM (xxx= 440 - 470, increments of 5)  
120 cells: SS8-60HST-xxxM (xxx= 440 - 470, increments of 5)  
108 cells: SS8-54HS-xxxM (xxx= 395 - 420, increments of 5)  
108 cells: SS8-54HSB-xxxM (xxx= 395 - 420, increments of 5)  
108 cells: SS8-54HST-xxxM (xxx= 395 - 420, increments of 5)



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