

# 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: 2023-06-08

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 - 063R4A2M5
Manufacturer:	see Annex 1
Test Report No.:	492011640.006
File No.:	PVP09028/22P-04



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



Essen, 2023-06-08

Please also pay attention to the information stated overleaf.

**Manufacturer:**

Manufacturer 1: **Solarspace Technology (Xuzhou) Co., Ltd.**  
South Side of Kunming Road, Economic Development Zone,  
Peixian, Jiangsu, China

Factory inspection report no.: 862010539.003

Manufacturer 2: **Solarspace Technology (Suqian) Co., Ltd.**  
No. 1299, Shanghai Road, Suqian Economic and Technological  
Development Zone

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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**Description of product(s):**

Module types:	<b>Double Glass PV Modules with Half-cut 7" Mono-crystalline Silicon Solar Cells:</b> 144 cells: SS8-72HD-xxxM (xxx = 525 - 565, increments of 5) 120 cells: SS8-60HD-xxxM (xxx = 440 - 470, increments of 5) 108 cells: SS8-54HD-xxxM (xxx = 395 - 420, increments of 5) 96 cells: SS8-48HD-xxxM (xxx = 355 - 370, increments of 5) 144 cells: SS8-72HDT-xxxM (xxx = 525 - 565, increments of 5) 120 cells: SS8-60HDT-xxxM (xxx = 440 - 470, increments of 5) 108 cells: SS8-54HDT-xxxM (xxx = 395 - 420, increments of 5) 96 cells: SS8-48HDT-xxxM (xxx = 355 - 370, 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 A or C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)
Module types:	<b>Double Glass PV Modules with Half-cut 7" TOPCon Mono-crystalline Silicon Solar Cells:</b> 156 cells: SS8-78HD-xxxN (xxx = 585 - 625, increments of 5) 144 cells: SS8-72HD-xxxN (xxx = 540 - 575, increments of 5) 132 cells: SS8-66HD-xxxN (xxx = 495 - 525, increments of 5) 120 cells: SS8-60HD-xxxN (xxx = 450 - 480, increments of 5) 108 cells: SS8-54HD-xxxN (xxx = 405 - 430, increments of 5) 96 cells: SS8-48HD-xxxN (xxx = 360 - 385, increments of 5) 72 cells: SS8-36HD-xxxN (xxx = 270 - 285, increments of 5) 156 cells: SS8-78HDT-xxxN (xxx = 585 - 625, increments of 5) 144 cells: SS8-72HDT-xxxN (xxx = 540 - 575, increments of 5) 132 cells: SS8-66HDT-xxxN (xxx = 495 - 525, increments of 5) 120 cells: SS8-60HDT-xxxN (xxx = 450 - 480, increments of 5) 108 cells: SS8-54HDT-xxxN (xxx = 405 - 430, increments of 5) 96 cells: SS8-48HDT-xxxN (xxx = 360 - 385, increments of 5) 72 cells: SS8-36HDT-xxxN (xxx = 270 - 285, increments of 5)



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Maximum system voltage:	1500V
Fuse rating:	30A
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 Half-cut 6" Mono-crystalline Silicon Solar Cells:</b> 144 cells: SS6-72HD-xxxM (xxx= 430 - 455, increments of 5) 120 cells: SS6-60HD-xxxM (xxx= 360 - 380, increments of 5)
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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 A or 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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