

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Polyshine solar Co., Ltd.**  
No.288, Maodian Road, Shanghai,  
P.R. China, 201716

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: 2024-07-30

Valid until: 2029-07-29

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC 61215-1:2021 / EN IEC 61215-1:2021; IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021; IEC 61215-2:2021 / EN IEC 61215-2:2021; IEC 61730-1:2023; IEC 61730-2:2023.
Registered No.:	44 780 24 406749 - 305
Manufacturer and factory(-ies):	See Annex 1
Test Report No.:	492013325.001
File No.:	PVP03197/24P-01



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



Essen, 2024-07-30

Please also pay attention to the information stated overleaf.

**Manufacturer and factory(-ies):**

Manufacturer: **Polyshine solar Co., Ltd..**  
No.288, Maodian Road, Shanghai, P.R. China, 201716

Factory: **Polyshine solar Co., Ltd. Anhui Branch**  
No.9, Tagang Industrial Park, Tongzha Town, Hanshan County,  
Ma'anshan City

Factory inspection report no.: 862011000.001

**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>PV Modules with 182mm half-cut Mono-crystalline Silicon Solar Cells:</b> 144 cells: JY1-72HxxxPC (xxx = 505-535, in increment of 5) 132 cells: JY1-66HxxxPC (xxx = 465-490, in increment of 5) 120 cells: JY1-60HxxxPC (xxx = 420-445, in increment of 5) 110 cells: JY1-55HxxxPC (xxx = 390-410, in increment of 5) 108 cells: JY1-54HxxxPC (xxx = 380-400, in increment of 5) 72 cells: JY1-36HxxxPC (xxx = 255-265, in increment of 5) 56 cells: JY1-28HxxxPC (xxx = 195-205, in increment of 5) 54 cells: JY1-27HxxxPC (xxx = 190-200, in increment of 5) 42 cells: JY1-21HxxxPC (xxx = 145-155, in increment of 5) 30 cells: JY1-15HxxxPC (xxx = 100-110, in increment of 5) 28 cells: JY1-14HxxxPC (xxx = 95-105, in increment of 5)
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
98th percentile module operating temperature (T <sub>98</sub> )	70°C
Design load (positive / negative):	1600Pa / 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) attached to test report with same file no.



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