

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Shenzhen Regner Industrial Co., LTD**  
Guanghong Meiju B308-A20, No. 163, Pingxin  
North Road, Hehua community, Pinghu Street,  
Longgang District, Shenzhen City

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: 2022-08-18  
Valid until: 2026-06-22

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 22 406749 - 189
Manufacturer:	see Annex 1
Test Report No.:	492012138.001
File No.:	PVP08015/22P



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



Essen, 2022-08-18

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 22 406749 - 189

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Aktenzeichen: / File reference: PVP08015/22P

2022-08-18

**Manufacturer:**

Manufacturer: **Guangdong Jinyuan Solar Energy Co., Ltd.**  
D5-8-3 Factory district, Beizhanxi Road, Chaozhou  
Economic Development Pilot Zone, Chaozhou City,  
Guangdong Province, China

Factory inspection report no.: 862010580.001

**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 Half-cut 182mm Mono-crystalline Silicon Solar Cells:</b> 144 cells: GEN2xxxS2HC-144 (xxx=510-550, in steps of 5) 132 cells: GEN2xxxS2HC-132 (xxx=470-505, in steps of 5) 120 cells: GEN2xxxS2HC-120 (xxx=425-455, in steps of 5) 108 cells: GEN2xxxS2HC-108 (xxx=385-415, 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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## Certificate of conformity with the following European Directives

Registered No.:  
**44 799 22 406749 - 104**

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

Date of application	File reference	Test report No.	Date of issue	Place of issue
2022-08-08	PVP08015/22P	492012138.001	2022-08-18	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:** Shenzhen Regner Industrial Co., LTD  
Guanghong Meiju B308-A20, No. 163, Pingxin North Road,  
Hehua community, Pinghu Street, Longgang District, Shenzhen City

**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:

**PV Modules with Half-cut 182mm Mono-crystalline Silicon Solar Cells:**

144 cells: GEN2xxxS2HC-144 (xxx=510-550, in steps of 5)

132 cells: GEN2xxxS2HC-132 (xxx=470-505, in steps of 5)

120 cells: GEN2xxxS2HC-120 (xxx=425-455, in steps of 5)

108 cells: GEN2xxxS2HC-108 (xxx=385-415, in steps of 5)



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