

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Changzhou Huamo New Energy Co., Ltd.
Room 1504, Building 1, Times Business Square, Xinbei District,
Changzhou, Jiangsu, 213161,
CN

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: 2022-01-26

Valid until: 2027-01-25

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 - 020
Manufacturer:	see Annex 1
Test Report No.:	492011933.001
File No.:	PVP09040/21P



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Consumer Products



Essen, 2022-01-26

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 22 406749 - 020

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Aktenzeichen: / File reference: PVP09040/21P

2022-01-26

Manufacturer:

Manufacturer: **Solarever Tecnología de América S.A. de C.V.**
Carretera Colima Manzanillo Kilometro 38.3, 28934 Col Bayardo, Col.
Factory inspection report no.: 862010585.001

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:	PV Modules with 7" Half Cut Mono-crystalline Silicon Solar Cells: 156 half-cut-cells: SE-182*91-xxxM-156 (xxx=580-605, in increments of 5) 144 half-cut-cells: SE-182*91-xxxM-144 (xxx=535-555, in increments of 5) 120 half-cut-cells: SE-182*91-xxxM-120 (xxx=445-465, in increments of 5) 108 half-cut-cells: SE-182*91-xxxM-108 (xxx=400-415, in 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)

Module types:	PV Modules with 6" Half Cut Mono-crystalline Silicon Solar Cells: 144 half-cut-cells: SE-166*83-xxxM-144N (xxx=430-460, in increments of 5) 120 half-cut-cells: SE-166*83-xxxM-120N (xxx=360-370, in increments of 5) 144 half-cut-cells: SE-158*79-xxxM-144N (xxx=390-410, in increments of 5) 120 half-cut-cells: SE-158*79-xxxM-120N (xxx=325-340, in 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)



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Module types:	PV Modules with 6" Mono-crystalline Silicon Solar Cells: 72 cells: SE-158*158-xxxM-72 (xxx=385-395, in increments of 5) 60 cells: SE-158*158-xxxM-60 (xxx=320-330, in 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)

Remark:

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



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