

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**SOLAR HERO GmbH**  
40789 Monheim am Rhein, Rheinpromenade 13

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: 2024-07-25

Valid until: 2027-07-25

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; IEC 61730-1:2016 / EN IEC 61730-1:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018.
Registered No.:	44 780 24 406749 - 292
Manufacturer:	see Annex 1
Test Report No.:	492013302.001
File No.:	PVP07058/24P



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




Essen, 2024-07-25

Please also pay attention to the information stated overleaf.

**Description of product(s):**

Module types:	<b>Double Glass PV Modules with 8" TOPCon Mono-crystalline Silicon Solar Cells:</b> 132 cells: HERO@PV xxxTBB-132/210 (xxx=660-680, in increment of 5) 132 cells: HERO@PV xxxTBT-132/210 (xxx=660-680, in increment of 5) 132 cells: HERO@PV xxxTBW-132/210 (xxx=660-680, in increment of 5) 120 cells: HERO@PV xxxTBB-120/210 (xxx = 600-615, in increment of 5) 120 cells: HERO@PV xxxTBT-120/210 (xxx = 600-615, in increment of 5) 120 cells: HERO@PV xxxTBW-120/210 (xxx = 600-615, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	35A or 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 7" TOPCon Mono-crystalline Silicon Solar Cells:</b> 156 cells: HERO@PV xxxTBB-156 (xxx = 580-650, in increment of 5) 156 cells: HERO@PV xxxTBT-156 (xxx = 580-650, in increment of 5) 156 cells: HERO@PV xxxTBW-156 (xxx = 580-650, in increment of 5) 144 cells: HERO@PV xxxTBB-144 (xxx =560-600, in increment of 5) 144 cells: HERO@PV xxxTBT-144 (xxx =560-600, in increment of 5) 144 cells: HERO@PV xxxTBW-144 (xxx =560-600, in increment of 5) 120 cells: HERO@PV xxxTBB-120 (xxx=465-500, in increment of 5) 120 cells: HERO@PV xxxTBT-120 (xxx=465-500, in increment of 5) 120 cells: HERO@PV xxxTBW-120 (xxx=465-500, in increment of 5) 108 cells: HERO@PV xxxTBB-108(xxx =420-450,in increment of 5) 108 cells: HERO@PV xxxTBT-108 (xxx =420-450,in increment of 5) 108 cells: HERO@PV xxxTBW-108 (xxx =420-450,in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	30A
Electrical protection class:	Class II
Pollution degree:	1



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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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