CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Heckert Solar GmbH
Carl-von-Bach-Straße 11
09116 Chemnitz
Germany

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

TÜV NORD CERT GmbH Type Tested

Valid from: 2025-04-01
Valid until: 2029-02-25

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 - 388R1M1
Manufacturer and factory(-ies):	See Annex 1
Test Report No.:	492013410.002
File No.:	PVP02161/25P

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Essen, 2025-04-01

Please also pay attention to the information stated overleaf.

TÜV NORD CERT GmbH Am TÜV 1 D-45307 Essen
Fon +49 (0)201 825 5120 Fax +49 (0)201 825 3209
www.tuev-nord-cert.de prodcert@tuev-nord.de

Description of product(s):

Module types:	**Double Glass PV Modules with Half-cut 7" TOPCon Mono-crystalline Silicon Solar Cells:** 144 cells: ZEUS 2.0 144 M xxx 47 (xxx = 535-600, in increment of 5) 96 cells: ZEUS 1.1 96 M xxx 44 (xxx = 420-455, in increment of 5) 96 cells: ZEUS 1.1 96 M xxx 45 (xxx = 420-455, in increment of 5) 96 cells: ZEUS 1.1 96 M xxx 46 (xxx = 420-455, in increment of 5) 132 cells: ZEUS 2.1 132 xxx 56 (xxx = 580-640, in increment of 5) 108 cells: ZEUS 2.0 108 xxx 54 (xxx = 475-520, in increment of 5) 108 cells: ZEUS 2.0 108 xxx 55 (xxx = 475-520, in increment of 5) 96 cells: ZEUS 1.1 96 xxx 51 (xxx = 420-465, in increment of 5) 96 cells: ZEUS 1.1 96 xxx 53 (xxx = 420-465, in increment of 5) 96 cells: ZEUS 1.1 96 xxx 52 (xxx = 420-465, in increment of 5) 96 cells: ZEUS 1.1 96 xxx 61 (xxx = 425-470, in increment of 5) 96 cells: ZEUS 1.1 96 xxx 60 (xxx = 425-475, in increment of 5) xxx indicates rated output power generated from front side under STC
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	30A
Electrical protection class:	Class II
Pollution degree:	1
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class A according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details

Module types:	**Double Glass PV Modules with Half-cut 8" TOPCon Mono-crystalline Silicon Solar Cells:** 132 cells: ZEUS 2.2 132 xxx 58(xxx = 665-740, in increment of 5) xxx indicates rated output power generated from front side under STC
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	35A
Electrical protection class:	Class II
Pollution degree:	1
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5

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Fire safety class:	Class A according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details

Remark:
For detailed product information, please refer to CDF (Constructional Dat Form).

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