

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Hanwha Q CELLS GmbH
Sonnenallee 17-2106766
Bitterfeld-Wolfen
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



Valid from: 2024-04-02

Valid until: 2029-04-01

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 24 406749 - 117
Manufacturer:	see Annex 1
Test Report No.:	492013049.001
File No.:	PVP02084/24P



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Essen,2024-04-02

Please also pay attention to the information stated overleaf.

Description of product(s):

Module types:	Double Glass PV Modules with Half-cut 7" TOPCon Mono-crystalline Silicon Solar Cells: 96 cells: Q.TRON S-G3R.12+/BFG xxx(xxx = 420-450, in increment of 5) 96 cells: Q.TRON BLK S-G3R.12+/BFGxxx(xxx = 420-450, in increment of 5) Remark: xxx indicates output power from the front side only.
Maximum system voltage:	1500V
Fuse rating:	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 A or Class C 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 Data Form)



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