

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

SOLARWATT GmbH
Maria-Reiche-Straße 2a
01109 Dresden, Sachsen,
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: 2022-07-12

Valid until: 2026-09-16

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	P12.4-AA-02 Rev. 00 (IEC TS 62804-1:2015 modified)
Remark:	Test temperature: 85°C; Relative humidity: 85%; Test duration: 96 hours.
Registered No.:	44 780 22 406749 - 160
Manufacturer:	see Annex 1
Test Report No.:	492012100.001
File No.:	PVP01027/22P-24



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Certification Body
Consumer Products



Essen, 2022-07-12

Please also pay attention to the information stated overleaf.

Description of product(s):

Module types:	Double Glass PV Modules with Mono-crystalline Silicon Half-Cut Bifacial Solar Cells (156.75mm to 166mm): 120 cells: SOLARWATT Panel vision AM 3.0 (xxx Wp) pure (xxx=350-375, in step of 5) 120 cells: SOLARWATT Panel vision AM 3.0 (xxx Wp) style (xxx=350-375, in step of 5) 120 cells: SOLARWATT Panel vision AM 3.0 (xxx Wp) black (xxx=350-375, in step of 5) Remark: The power parameter included in the module types only indicates maximum power output of front side.
Maximum system voltage:	1500V
Fuse rating:	25A
Application class:	Class A
Electrical protection class:	Class II

Module types:	Double Glass PV Modules with 182mm Mono-crystalline Silicon Half-Cut Bifacial Solar Cells: 108 cells: SOLARWATT Panel vision AM 4.0 (xxx Wp) pure (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.1 (xxx Wp) pure (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.0 (xxx Wp) pure, low carbon (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.1 (xxx Wp) pure, low carbon (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.0 (xxx Wp) style (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.1 (xxx Wp) style (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.0 (xxx Wp) style, low carbon (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.1 (xxx Wp) style, low carbon (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.0 (xxx Wp) black (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.1 (xxx Wp) black (xxx=395-410, in step of 5) 108 cells: SOLARWATT Panel vision AM 4.0 (xxx Wp) black, low carbon (xxx=395-410, in step of 5)
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108 cells: SOLARWATT Panel vision AM 4.1 (xxx Wp) black, low carbon (xxx=395-410, in step of 5)

Remark: The power parameter included in the module types only indicates maximum power output of front side.

Maximum system voltage:	1500V
Fuse rating:	30A
Application class:	Class A
Electrical protection class:	Class II

Remark:

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



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