



Confirmation of Test Result

IEC 61215-2:2021 MQT 21

Terrestrial photovoltaic (PV) modules – Design qualification and type approval
– Part 2: Test procedures
– Potential induced degradation test (MQT 21)

Ref.: 2022-40079
Applicant: SOLARWATT GmbH, Maria-Reiche-Str. 2a, 01109 Dresden
Manufacturer: SOLARWATT GmbH, Maria-Reiche-Str. 2a, 01109 Dresden
Product: Crystalline silicon Photovoltaic (PV)-Modules
Standard: IEC 61215-2:2021 MQT 21

Type: Change of type designation due to marketing reasons

Panel vision GM 3.0 (xxx Wp) pure	Panel vision GM 3.0 (xxx Wp) pure, light
Panel vision GM 3.0 (xxx Wp) pure, low carbon	Panel vision GM 3.0 (xxx Wp) pure, HV
Panel vision GM 3.0 (xxx Wp) style	Panel vision GM 3.0 (xxx Wp) style, light
Panel vision GM 3.0 (xxx Wp) style, low carbon	Panel vision GM 3.0 (xxx Wp) style, HV
Panel vision GM 3.0 (xxx Wp) construct	Panel vision GM 3.0 (xxx Wp) construct, light
Panel vision GM 3.0 (xxx Wp) construct, low carbon	Panel vision GM 3.0 (xxx Wp) construct, HV
Panel vision GM 3.0 (xxx Wp) black	
Panel vision GM 3.0 (xxx Wp) black, low carbon	
Panel vision GM 3.0 (xxx Wp) black, light	
Panel vision GM 3.0 (xxx Wp) black, HV	

Test conditions:

Testing time:	96 h
Chamber temperature:	85°C
Relative Humidity:	85 %
Potential to ground:	+ / - 1500 V

Pass criteria: Power degradation*: < 5 %

Summary of test results:

Maximum power degradation:	required*	max. 5 %
	measured*	max. 4,3 %

The measured degradation is below the allowed degradation.

* Reproducibility of 1% according to IEC 61215-1-1:2021 is included

Visual inspection: No findings

The complete test results and the relevant bill of materials are given in Test Report TRPVM-2021-40260-1, issued 2021-10-29.

VDE Renewables GmbH

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