



Confirmation of Test Result

IEC CD 61215-1: Ed.2.0

Photovoltaic (PV) Modules - Test methods for the detection of Light and elevated Temperature Induced Degradation LeTID

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: 82/1453/CD:2018-07-61215-1: Ed.2.0
82/1454/CD:2018-07-61215-1-1: Ed.2.0
82/1458/CD:2018-07-61215-2: Ed.2.0

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:

Cycle time:	160 h
Chamber temperature:	75°C
Applied current	1,12 A

Pass criteria: Power degradation after LeTID*: < 5 %

Summary of test results:

Number of cycles needed for stabilization	2
Power after LID	366,01 W
Power after 2 cycles LeTID	364,92 W
Measured degradation	0,30 %

Maximum power degradation: allowed* max. 5 %
measured* max. 0,30 %

The measured degradation is below the allowed degradation.

* Reproducibility of 1% according to IEC 61215-1-1:2021 is not included

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

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