



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.: TRPVM-2019-40407

Applicant: Solarwatt GmbH, Maria Reiche Straße 2A, 01109 Dresden

Manufacturer: Solarwatt GmbH, Maria Reiche Straße 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:

Vision 36M glass	Vision 60P laminate
Vision 60M	EasyIn 60M
Vision 60M style	EasyIn 60M style
Vision 60M style (black edition)	EasyIn 60M black
Vision 60M black	EasyIn 60P
Vision 60M high power	EasyIn 60P style
Vision 60M build	Blue 60P
Vision 60M laminate	Blue 60P style
Vision 60M black laminate	Black 60M
Vision 60P	Black 60M style
Vision 60P style	

Test conditions

Cycle time:	162 h
Chamber temperature:	75 °C
Applied current	0,5 A

Pass criteria Power degradation after LeTID*: < 5 %

Summary of test results:

Number of cycles needed for stabilization	2
Power after LID	309,99 W
Power after 2 cycles LeTID	304,49 W
Measured degradation	1,81 %

Maximum power degradation: allowed* max. 5 %
measured max. 1,81 %

The measured degradation is below the allowed degradation.

* reproducibility of 1% acc. IEC 61215-1-1 not included

The complete test results and the relevant bill of materials are given in Test Report TRPVM-2019-40407-1 - 4, issued 2020-02-05.

VDE Renewables GmbH

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