



Confirmation of Test Result

IEC 61701:2011

Salt mist corrosion testing of photovoltaic (PV) modules

Ref.: TRPVM-2017- 40045-1

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: IEC 61701:2011, Salt mist corrosion test

Type: Vision 36M glass
Vision 60M
Vision 60M style
Vision 60M black
Vision 60M high power
Vision 60M build
Vision 60M laminate
Vision 60P
Vision 60P style
Vision 60P laminate
Vision 60M black laminate

EasyIn 60M
EasyIn 60M style
EasyIn 60M black
EasyIn 60P
EasyIn 60P style

Test conditions

Severity level: 5

Testing time: 672 h

Chamber temperature: 40°C

Relative Humidity: 93 %

Mist pH level: 7

Pass criteria

Power degradation: < 5%

Dry Insulation: > 40 MΩm²

Wet insulation: > 40 MΩm²

Ground continuity: < 0.1Ω

Bypass diode functionality: Shall be functional after test



Summary of test results:

Maximum power degradation:	required	max. 5 %
	measured	max. 0,2 %

The measured degradation is below the allowed degradation.

Dry insulation resistance:	required	23,95 M Ω
	measured	>500 M Ω

The measured dry insulation resistance is above the limit.

Wet insulation resistance:	required	23,95 M Ω
	measured	>500 M Ω

The measured wet insulation resistance is above the limit.

Visual inspection:	No findings
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Ground continuity test:	required	max. 0,1 Ω
	measured	max. 0,457m Ω

Bypass diode functionality test: Still functional after test

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2017-40045-1

VDE Renewables GmbH


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