



# Confirmation of Test Result

IEC 61701:2011

Salt mist corrosion testing of photovoltaic (PV) modules

**Ref.:** TRPVM-2017- 40045

**Applicant:** SOLARWATT GmbH, Maria-Reiche-Str. 2a, 01109 Dresden

**Manufacture:** SOLARWATT GmbH, Maria-Reiche-Str. 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 construct  
Vision 60P style

EasyIn 60M style  
Vision 60M laminate  
Vision 60M style laminate  
Vision 60M construct laminate  
Vision 60M (1500V edition)  
Vision 60M style (1500V edition)

## 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 MΩm<sup>2</sup>

Wet insulation: > 40 MΩm<sup>2</sup>

Ground continuity: < 0.1Ω

Bypass diode functionality: Shall be functional after test



**Summary of test results:**

<b>Maximum power degradation:</b>	required	max. 5 %
	measured	max. 0,2 %

The measured degradation is below the allowed degradation.

<b>Dry insulation resistance:</b>	required	23,95 MΩ
	measured	>500 MΩ

The measured dry insulation resistance is above the limit.

<b>Wet insulation resistance:</b>	required	23,95 MΩ
	measured	>500 MΩ

The measured wet insulation resistance is above the limit.

<b>Visual inspection:</b>	No findings
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<b>Ground continuity test:</b>	required	max. 0,1Ω
	measured	max. 0,457mΩ

**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-2017-40045-2

VDE Renewables GmbH

  
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