



# IEC 61701:2011

## Salt mist corrosion testing of photovoltaic (PV) modules

### Confirmation of test results

**VDE Renewables File Ref.:** 10010/2016-40111

**Applicant:** Solibro GmbH  
Sonnenallee 32-36, 06766 Bitterfeld-Wolfen, OT Thalheim, Germany

**Product:** Thin-film terrestrial photovoltaic (PV)-Modules

**Type:**  
A) SL1-xx                      B) SL1-xxF  
C) SL2-xx                      D) SL2-xxF

xx in the type replaces the power in Watt and can be any number between:

75 – 95                      for A) and B)  
85 – 150                    for C) and D)

**Manufacturer:** Solibro GmbH

**Standard:** IEC 61701:2011, Salt mist corrosion test

#### Test conditions

Severity level:                      5  
Testing time:                        28 days  
Chamber temperature:            35°C  
Relative Humidity:                93 %  
Mist pH level:                      6.8

#### Pass criteria

Power after test:                    min. 90% of rated power  
Dry insulation resistance:        >40 MΩm<sup>2</sup>  
Wet insulation resistance:        >40 MΩm<sup>2</sup>



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#### Summary of test results:

<b>Maximum power after test:</b>	required	min. 126 W
	measured	min. 135.34 W

The measured power at STC is above the min. required power.

<b>Dry insulation resistance:</b>	required	42.55 M $\Omega$
	measured	>1000 M $\Omega$

The measured dry insulation resistance is above the limit.

<b>Wet insulation resistance:</b>	required	42.55 M $\Omega$
	measured	>1000 M $\Omega$

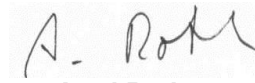
The measured wet insulation resistance is above the limit.

<b>Visual inspection:</b>	No findings
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The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2016-40111-1

#### VDE Renewables GmbH

  
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