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 MΩm²
Wet insulation resistance:	>40 MΩm²

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BIC: DEUTDEFFXXX

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Summary of test results:

Maximum power after test:	required	min. 126 W
	measured	min. 135.34 W

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

Dry insulation resistance:	required	42.55 MΩ
	measured	>1000 MΩ

The measured dry insulation resistance is above the limit.

Wet insulation resistance:	required	42.55 MΩ
	measured	>1000 MΩ

The measured wet insulation resistance is above the limit.

Visual inspection: No findings

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2016-40111-1

VDE Renewables GmbH

Dean Wen ***Arnd Roth***

63755 Alzenau, 2017-05-29

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