IEC TS 62804-1:2015

Photovoltaic (PV) Modules - Test Methods for the detection of potential-induced degradation
Part 1: Crystalline silicone
Confirmation of test results

Ref.:	**10533/2020-40182**
Applicant:	SOLUXTEC SA 74, Rte de Luxembourg, 6633 WASSERBILLIG, LUXEMBURG
Product:	Crystalline Silicon Photovoltaic (PV)-Modules
Series:	DAS MODUL Mono Serie FS
Type:	A) DMMFSXXX
Series:	Powerslate Mono Serie FS
Type:	B) PSMFSXXX
	XXX in the type replace the power in Watt and can be any number between: 290 – 350 for A) and B).
Manufacturer:	Soluxtec GmbH
Standard:	IEC TS 62804-1:2015
Test conditions:	Methode a)
	Testing time: 96 h
	Chamber temperature: 60°C
	Relative Humidity: 85 %
	Potential to ground: +/- 1500 V
Pass criteria:	
	Power degradation: <3%
	Wet insulation resistance: >40 MΩm²
	Insulation resistance: >40 MΩm²
	Visual Inspection: No findings

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Summary of test results:

Maximum power degradation:	allowed	max. 3 %
	measured	max. 0.80 %

The measured degradation is below the allowed degradation.

Insulation resistance:	required	min. 24.0 MΩ
	measured	>1000 MΩ

The measured insulation resistance is above the minimum required resistance.

Wet insulation resistance:	required	min. 24.0 MΩ
	measured	>1000 MΩ

The measured wet insulation resistance is above the minimum required resistance.

Visual inspection: No findings

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2020-40182-2.

VDE Renewables GmbH

Dean Wen ***Arnd Roth***

63755 Alzenau, 2020-07-01