TS IEC 62804-1:2015

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

File Ref.: **10004/2018-40021**

Applicant: **Changzhou EGing Photovoltaic Technology Co., Ltd.**
No. 18 Jinwu Road, 213213 Jintan City, China

Product: **Crystalline silicon Photovoltaic (PV)-Modules**

Type: **A) EG-XXXM60-C**
B) EG-XXXP60-C
C) EG-XXXM60-12BB-C

XXX in the type replaces the power in watt and can be any number between:

200 – 320 for A)
200 – 290 for B)
275 – 320 for C)

Manufacturer: **Changzhou EGing Photovoltaic Technology Co., Ltd.**

Standard: TS IEC 62804-1:2015

Test conditions

Testing time:	192 h
Chamber temperature:	85°C
Relative Humidity:	85 %
Potential to ground:	- 1500 V

Pass criteria

Power degradation:	< 5%
Dry Insulation:	> 40 MΩm²
Wet insulation:	> 40 MΩm²

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Summary of test results:

Maximum power degradation:	allowed	max. 5 %
	measured	max. 2.73 %

The measured degradation is below the allowed degradation.

Dry insulation resistance:	required	min. 24,5 MΩ
	measured	>500 MΩ

The measured dry insulation resistance is above the limit.

Wet insulation resistance:	required	min. 24,5 MΩ
	measured	>500 MΩ

The measured wet insulation resistance is above the limit.

Visual inspection: No findings

The relevant bill of materials is given in TRPVM-2018-40021-1.

The complete test results are given in Test Report No.: TRPVM-2018-40021-1.

VDE Renewables GmbH

Dean Wen ***Arnd Roth***

63755 Alzenau, 2018-02-27