



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

File Ref.: 10004/2022-40776

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

Product: Crystalline silicon Photovoltaic (PV)-Modules

Type: CF) EG-XXXNT78-HLV CG) EG-XXXNT72-HLV
CH) EG-XXXNT60-HLV CI) EG-XXXNT54-HLV

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

605 - 625 for CF) 560 - 575 for CG)
465 - 480 for CH) 420 - 430 for CI)

Manufacturer: Changzhou EGing Photovoltaic Technology Co., Ltd.

Standard: IEC TS 62804-1:2015

Test conditions

Testing time: 96 h
Chamber temperature: 85°C
Relative humidity: 85 %
Potential to ground: +/- 1500 V

Pass criteria

Power Degradation: < 5%
Dry Insulation Resistance: > 40 MΩm²
Wet Insulation Resistance: > 40 MΩm²
Visual Inspection: No findings



Summary of test results:

Maximum Power Degradation: allowed max. 5 %
measured max. 0.99 %

The measured degradation is below the allowed degradation.

Dry Insulation Resistance: required min. 14.3 M Ω
measured >1000 M Ω

The measured dry insulation resistance is above the min. required dry insulation resistance.

Wet Insulation Resistance: required min. 14.3 M Ω
measured >1000 M Ω

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

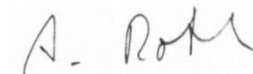
Visual Inspection: No findings

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2022-40776-5.

The overview of the already approved modules with the approved bill of materials is given in Annex 1, dated 2022-12-14.

VDE Renewables GmbH


Dean Wen


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