Photovo	Part 1: Crys			
File Ref.:	10004/2021-40232			
Applicant:		Changzhou EGing Photovoltaic Technology Co., Ltd. No. 18 Jinwu Road, 213213 Jintan City, China		
Product:	Crystalline silicon Phot	Crystalline silicon Photovoltaic (PV)-Modules		
Туре:	BM) EG-XXXM72-HLV BO) EG-XXXM54-HLV BQ) EG-XXXM60-HL/B	BN) BP) F-DG BR)	EG-XXXM60-HLV EG-XXXM72-HL/BF-DG EG-XXXM54-HL/BF-DG	
XXX in the ty	pe replaces the power in watt ar	nd can be any nur	nber between:	
510 – 550 for BM), BP) 425 – 465 for BN), BQ) 385 – 425 for BO), BR)				
	,, , , , , , , , , , , , , , , , , , ,			
Manufactur		hotovoltaic Teo	chnology Co., Ltd.	
		hotovoltaic Te	chnology Co., Ltd.	
	rer: Changzhou EGing Pl IEC TS 62804-1:2015	hotovoltaic Te	chnology Co., Ltd.	
Standard:	rer: Changzhou EGing Pl IEC TS 62804-1:2015	hotovoltaic Teo 96 h	chnology Co., Ltd.	
Standard:	rer: Changzhou EGing Pl IEC TS 62804-1:2015		chnology Co., Ltd.	
Standard:	rer: Changzhou EGing Pl IEC TS 62804-1:2015 tions Testing time:	96 h	chnology Co., Ltd.	
Standard:	rer: Changzhou EGing Pl IEC TS 62804-1:2015 tions Testing time: Chamber temperature:	96 h 85°C 85 %	/ for BM), BN), BO), BP),BQ), BR)	
Standard:	rer: Changzhou EGing Pl IEC TS 62804-1:2015 tions Testing time: Chamber temperature: Relative humidity: Potential to ground:	96 h 85°C 85 %	/ for BM), BN), BO),	
Standard: Test condit	rer: Changzhou EGing Pl IEC TS 62804-1:2015 tions Testing time: Chamber temperature: Relative humidity: Potential to ground:	96 h 85°C 85 %	/ for BM), BN), BO),	
Standard: Test condit	rer: Changzhou EGing Pl IEC TS 62804-1:2015 tions Testing time: Chamber temperature: Relative humidity: Potential to ground:	96 h 85°C 85 % +/- 1500 \	/ for BM), BN), BO), BP),BQ), BR)	
Standard: Test condit	rer: Changzhou EGing Pl IEC TS 62804-1:2015 tions Testing time: Chamber temperature: Relative humidity: Potential to ground: ia Power Degradation:	96 h 85°C 85 % +/- 1500 ∖ < 5%	/ for BM), BN), BO), BP),BQ), BR)	

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Summary of test results:

Maximum Power Degradation:	allowed	max. 5 %
	measured	max. 1.14 %

The measured degradation is below the allowed max. degradation.

Dry Insulation Resistance:	required	min. 15.5 M $\Omega$ for BM), BP)
	measured	>1000 MΩ

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

Wet Insulation Resistance:	required	min. 15.5 M $\Omega$ for BM), BP)
	measured	>1000 MΩ

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

## Visual Inspection: No findings

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2021-40232-8.

The overview of the already approved modules with the approved bill of materials is given in Annex 1, dated 2021-04-15.

## VDE Renewables GmbH

can l'en Dean Wen

4. Rot

Arnd Roth

63755 Alzenau, 2021-04-15