Salt	mist	IEC 61701:2 corrosion testing of phor Confirmation of test r	201 tovo result	1 Itaic	: (PV) modules	
Ref.:	1003	6/2021-40045				
Applicant:	LG Electronics Inc. 168, Suchul-daero, Gumi-si, Gyeongsangbuk-do, 730-903, South Korea					
Product:	Crystalline Silicon Photovoltaic (PV)-Modules					
Туре:	A) B) C) D) E) F)	LG <u>XXX</u> N2W-L5 LG <u>XXX</u> N2W-N5 LG <u>XXX</u> N1C-L5 LG <u>XXX</u> N1W-L5 LG <u>XXX</u> N1C-N5 LG <u>XXX</u> N1W-N5	G) H) J) K)	LG <u>)</u> LG <u>)</u> LG <u>)</u> LG <u>)</u> LG <u>)</u>	<u>XXX</u> Q1C-N5 XXXN1C-A6 XXXN1W-A6 XXXQ1C-A6 XXXQAC-A6	
	<u>XXX</u> ir betwe 370-39	n the type replaces the power in Wa en 390-430 for A), B), 310-365 for (90 for G), 355-385 for H), I), 390-4	att at S C), D), 105 foi	STC ar , 310-3 r J) an	nd can be any number 370 for E), F), nd 430-445 for K).	
Manufacturer:	:	LG Electronics Inc.				
Standard:		IEC 61701:2011				
Test conditior	าร:	As given in IEC 61701:20)11			
		Severity:			6	
		Testing time:			56 days	
		Mist ph level:			7	
		Angle of inclination from	horiz	ontal	: 75°	
Pass criteria						
		Visual inspection:	No safe	findir ety.	ngs which may affect	
		Power degradation:	< 5	%		
		Dry Insulation:	> 4(0 ΜΩ	2m²	
		Wet insulation:	> 4(0 ΜΩ	2m²	
		Bonding path resistance:	< 0.	.1 Ω		
		Bypass diode functionalit	y tes	t: B	Bypass diodes shall emain functional	

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Location: Alzenau District Court: Aschaffenburg Registration No: HRB 13820 Tax Number: 204/141/20793 Bank Information: Deutsche Bank AG IBAN: DE14 5007 0010 0235 5006 01 BIC: DEUTDEFFXXX



Summary of test results:

Visual inspection:	No findings.	
Maximum power degradation:	allowed measured	< 5 % max. 1,24 %

The measured degradation is below the limit.

Dry insulation resistance:	required	≥19,3 MΩ
	measured	min. 500 MΩ

The measured dry insulation resistance is above the limit.

Wet insulation resistance:	required	≥19,3 MΩ
	measured	min. 500 MΩ

The measured wet insulation resistance is above the limit.

Bonding path resistance:	required	<0,1 Ω
	measured	max. 0,01 Ω

The measured bonding path resistance below the limit.

Bypass diode functionality test: Bypass diodes remain functional

The complete test results and the related bill of materials are given in the Test Report No. TRPVM-2021-40045-3.

VDE Renewables GmbH

f - Sato

Akio Sato

JA

Thomas Hartmann

63755 Alzenau, 2021-01-25