Prüfbericht-Nr.: *Test report no.*:	**CN26BFX4 001**	**Auftrags-Nr.:** *Order no.*:	326187505 326148409	
Kunden-Referenz-Nr.: *Client reference no.*:	2050703	**Auftragsdatum:** *Order date:*	19/05/2026 13/01/2026	
Auftraggeber: *Client*:	LONGi Green Energy Technology Co., Ltd. No. 388, Middle Hangtian Road, Chang'an District, Xi'an, 710100 Shaanxi, P.R.China			
Prüfgegenstand: *Test item*:	Photovoltaic (PV) module			
Bezeichnung / Typ-Nr.: *Identification / Type no.*:	See module type designation on page 3			
Auftrags-Inhalt: *Order content*:	Salt mist corrosion testing of photovoltaic (PV) modules			
Prüfgrundlage: *Test specification*:	IEC 61701:2020, EN IEC 61701:2020 test method 1 Salt mist corrosion testing of photovoltaic (PV) modules			
Wareneingangsdatum: *Date of sample receipt*:	31/03/2026			
Prüfmuster-Nr.: *Test sample no:*	See clause 7.1			
Prüfzeitraum: *Testing period*:	01/04/2026 - 04/06/2026			
Ort der Prüfung: *Place of testing*:	Refer to page 7			
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shanghai) Co., Ltd.			
Prüfergebnis*: *Test result**:	Pass			

geprüft von: *tested by:*	X Jamie Mao Signed by: Jamie Mao	**genehmigt von:** *authorized by*:	X Zexuan Fang Signed by: Zexuan Fang
Datum: *Date:* 23/07/2026		**Ausstellungsdatum:** *Issue date:* 23/07/2026	
Stellung / Position:	Project Engineer	**Stellung** / Position:	Authorizer

Sonstiges / *Other*:
- Basic qualification for module types listed in page 3.
- Valid in conjunction with TÜV Rheinland certificate PV 50602768.
- Valid only for the material combinations as listed in Constructional Data Form (CDF) No. CN26BFX4 001.

Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery*: Prüfmuster vollständig und unbeschädigt / *Test item complete and undamaged*

* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
** Legend:*	*P(ass) = passed a.m. test specification(s)*	*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. *The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.*
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. *Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report.* *Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.*
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnisen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. *The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the “Zero Guard Band Rule” and “Simple Acceptance” in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.*

Produktbeschreibung
Product description

1	**Produktdetails** *Product details*	**New module types:** **Max. system voltage (Up to 1500VDC)** **With 1/2 cut of mono c-Si cells:** **LR7-72HVDA-xxxM (xxx=610-670, in steps of 5, 144 cells, Pmax@BNPI=668-733)** **LR7-60HVDA-xxxM (xxx=525-550, in steps of 5, 120 cells, Pmax@BNPI=575-602)** **LR7-54HVDA-xxxM (xxx=455-500, in steps of 5, 108 cells, Pmax@BNPI=498-548)** **xxx represents output power in Wp**
2	**Verwendete Materialien** *Used materials*	see Constructional Data Form (CDF) no. CN26BFX4 001
3	**Adresse(n) der Fertigungsstätte(n)** *Address(es) of the manufacturing site(s)*	

Name / Description:	LONGi Photovoltaic Technology (Taizhou) Co., Ltd.
Street:	NO.8 Taikang Road,Hailing District
Postcode / City, Country:	225314 / Taizhou, Jiangsu, P.R. China
Type of production:	Crystalline PV-module
Inspection report No. / Date:	15102134 011 / 17/04/2026

Name / Description:	LONGi Solar Technology (Jiangsu) Co., Ltd.
Street:	No.288 Yaojia Road, Jiulong Town,Taizhou City
Postcode / City, Country:	Jiangsu P.R. China
Type of production:	Crystalline PV-module
Inspection report No / Date:	60386143 008 / 16/04/2026

Name / Description:	LONGi Solar Technology (Jiaxing) Co., Ltd.
Street:	No.130 Ruifeng Street, Gaozhao Subdistrict
Postcode / City, Country:	Xiuzhou district Jiaxing, Zhejiang P.R.China
Type of production:	Crystalline PV-module
Inspection report No / Date:	60423263 006 / 23/10/2025

Name / Description:	LONGi Photovoltaic Technology (Jiaxing) Co., Ltd.
Street:	No. 855 Zhongxin Road, Wangdian Township, Xiuzhou District
Postcode / City, Country:	Jiaxing City, Zhejiang, P.R. China

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

Type of production:	Crystalline PV-module
Inspection report No / Date:	CN23S8VI 003 / 08/01/2026

Name / Description:	LONGi Photoelectric Technology (Jiaxing) Co., Ltd.
Street:	No.435 Changfan Road, Jiaxing Economic and Technological Development Zone
Postcode / City, Country:	314001 / Zhejiang, P.R. China
Type of production:	Crystalline PV-module
Inspection report No / Date:	CN23LFL3 003 / 24/10/2025

Name / Description:	LONGi Solar Technology (Xi'an) Co., Ltd
Street:	Zaoxin Road, Weiqu District
Postcode / City, Country:	Xi'an City, Shaanxi, P.R. China
Type of production:	Crystalline PV-module
Inspection report No / Date:	CN21OJLL 006 / 15/04/2026

Name / Description:	LONGi Photovoltaic Technology (Heshan) Co., LTD.
Street:	No. 77 Yiyuan Road, Zhishan Town
Postcode / City, Country:	529700 / Heshan City, Jiangmen City, Guangdong, P.R. China
Type of production:	Crystalline PV-module
Inspection report No / Date:	CN24WMUC 002 / 12/08/2025

Name / Description:	LONGi Solar Technology (Datong) Co., Ltd.
Street:	Room 106B, North Zone, Enterprise Incubation Service Center, Xinrong Economic and Technological Development Zone, Huayuantun Town, Xinrong District
Postcode / City, Country:	037002 / Datong, P.R. China

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

Type of production:	Crystalline PV-module
Inspection report No / Date:	50241861 007 / 02/07/2026

Name / Description:	PT ALLIANZ SOLAR INDONESIA
Street:	Desa/Kelurahan Belian, Kec. Batam Kota, Kota Batam, Kawasan Industri PT. BODYNITS INTERNATIONAL INDONESIA, Provinsi Kepulauan Riau.
Postcode / City, Country:	Indonesia
Type of production:	Crystalline PV-module
Inspection report No / Date:	ID25NBKY 002 / 27/04/2026

Name / Description:	Illuminate USA LLC
Street:	3600 Etna Parkway
Postcode / City, Country:	43062 / Pataskala OH, USA
Type of production:	Crystalline PV-module
Inspection report No / Date:	CN24FPSO 003 / 25/03/2026

Name / Description:	LONGi Solar Technology (Chuzhou) Co., Ltd.
Street:	No. 19 Huaian Road
Postcode / City, Country:	239000 / Chuzhou City, Anhui, P.R. China
Type of production:	Crystalline PV-module
Inspection report No / Date:	50231069 008 / 05/03/2026

Name / Description:	IC Star Solar (USA) LLC
Street:	19200 Hamish Road Tomball
Postcode / City, Country:	77377 / Harris County TX USA
Type of production:	Crystalline PV-module

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

		Inspection report No / Date: CN255EPD 002 / 16/03/2026
4	**Sonstiges** *Other*	Test sample(s), as well sample information, description, product details and intended usage was provided by customer. Throughout this report a point is used as the decimal separator.
5	**Prüfmusterbereitstellung** *Test sample obtaining*	☒ Sending by customer ☐ Sampling by TÜV Rheinland Group ☐ others:
6	**Zusammenfassung der Prüfergebnisse** *Summary of test results*	According to the inquiry, the resistance of photovoltaic (PV) modules to salt mist should be assessed in accordance with IEC 61701:2020 and EN 61701:2020. The required tests of IEC 61701:2020 and EN 61701:2020 were passed according to its regulations of the pass criteria. The above listed module types have passed all tests of the IEC 61215/EN 61215 and IEC 61730/EN 61730 standards before salt mist resistance test was applied (see history of certification). - Basic qualification for PV module types as listed in section 1. The tests were performed on the representative model type LR7-72HVDA-650M to cover the model types with fewer solar cells and smaller dimension. The differences are as below: 1. LR7-72HVDA-xxxM for module types with 192x182.2mm, BC cells, 144 cells. 2. LR7-60HVDA-xxxM for module types with 192x182.2mm, BC cells, 120 cells. 3. LR7-54HVDA-xxxM for module types with 192x182.2mm, BC cells, 108 cells. - This test report also includes materials in below table which have been approved in main license and are not critical materials in verification for salt mist corrosion, no additional tests are considered necessary.

Object	Manufacturer	Type / model	Technical data / ratings
Solar cell	LONGi Solar Technology Co.,Ltd.	M11M0B	Cell dimensions: L x W(mm): 183±0.25 x 97.05 ±0.25 Thickness:

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

			155μm±15μm & 135μm±13.5μm 135μm±14μm 140μm ±14μm
Encapsulation material	LONGi Solar Technology Co.,Ltd.	LRPFT (between front glass and solar cell) & LREFT (between solar cell and rear cover)	Thickness: 0.20 ~ 0.80 mm for LRPFT Thickness: 0.20 ~0.80 mm for LREFT

This test report includes a history of reporting and certification, measurement reports and photo documentation in the appendix.

Summary of test location:

All the tests were performed at TÜV Rheinland (Suzhou) Co., Ltd. with address No.14 building and north half of No.10 workshop building, No.525, Yuewang Lingang South Road, Pingqian (Taicang) Modern Industrial Park, Shaxi Town, Taicang City, Jiangsu Province, P.R. China

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

7.1	**List of test samples** **Module type: LR7-72HVDA-650M**		
Sample no.	Sample SN	Remarks / constructional characteristics (e.g. cell, backsheet, frame type)	
1	LRP004138260201200653	Front cover: 2.0±0.2mm AR Coating Heat Strengthened Glass, ShaoXin Kibing Lightweight (LONGi) Rear cover: 2.0±0.2mm Chemically tempered glass, ShaoXin Kibing Lightweight (LONGi) Encapsulation material: EP304/S806 (LRPFT/LREFT), Thickness: 0.20mm, First (LONGi) Frame: 6005-T6, 30mm, LONGi Adhesive of frame: 1527, H.B.FULLER Solar Cell: M11M0B, L x W x T(±%)(mm): 182.2±0.25 x 96±0.25 x 0.14±0.014, LONGi Cell connectors: 0.25*0.6mm, Sn49Pb41Bi10, LONGi String connectors: 3*6mm, 0.3*3.5mm, light reflecting, Sn60Pb40, LONGi Fluxing agent: WTO-PV112F, Vital Fixing Tape: UV-1, 3M Insulation glue: THW-5DG100, Shenzhen RongDa Soldering paste: SRT902-ZF-4-ZXZ01, 60%Sn/40%Pb & LZF-LTS345-4-NW01, SnPbBiAgX_R154, BEIJING COMPO / GRINM NEXUSX Label: V336, Vision Intelligent Junction box: PV-LR07A, LONGi Cable: 62930 IEC 131 1×4mm^2, LONGi Connector: PV-LR5, LONGi Bypass Diode: 30SQ045, LONGi Potting material: 1521, H.B.FULLER Adhesive of J-Box: 1527, H.B.FULLER	—
2	LRP004138260201200655		
3	LRP004138260201200659		
Remark: Sample # 1 was tested as reference module.			

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

7.2	**Visual inspection (initial)**		
Test date (dd/mm/yyyy)	01/04/2026		
Sample no.	Requirement	Nature and position of initial findings	—
1	No major visual defects	No major visual defects	P
2		No major visual defects	P
3		No major visual defects	P
Supplementary information: -			

7.3	**Performance at STC before initial stabilization**						
Test date (dd/mm/yyyy)			21/04/2026				—
Test method			☒ Simulator ☐ Natural sunlight				
Ambient temperature [°C]			25 ± 2				
Irradiance [W/m²]			1000 ± 10				
Module temperature [°C]			25 ± 2				
Sample no.	P_{max} [W]	V_{mpp} [V]	I_{mpp} [A]	V_{oc} [V]	I_{sc} [A]	FF [%]	
1	644.1	46.15	13.957	53.72	14.808	81.0	—
2	640.5	46.20	13.862	53.62	14.765	80.9	—
3	642.9	46.35	13.870	53.74	14.806	80.8	—
Supplementary information: -							

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

7.4 Initial stabilization - MQT 19.1

☒ Simulator ☐ Natural sunlight ☐ Other stabilization procedures

Test date (dd/mm/yyyy)			21/04/2026 - 23/04/2026		—
Irradiance [W/m²]			1000		
Module temperature [°C]			50		
Sample no.	Test	Integrated irradiation [kWh/m²]	P_{max} [W]	Stabilization [%] *	
1	Initial	—	644.1	0.04	P
	Light-soaking 1	5	644.2		
	Light-soaking 2	5	643.9		
2	Initial	—	640.5	0.05	P
	Light-soaking 1	5	640.6		
	Light-soaking 2	5	640.3		
3	Initial	—	642.9	0.23	P
	Light-soaking 1	5	643.0		
	Light-soaking 2	5	641.5		

Supplementary information:

* Stabilization criterion: $(P_{max}\text{-}P_{min})/P_{avg} \leq 1$ % for three consecutive measurements.

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

7.5 Performance at STC after initial stabilization

Test date (dd/mm/yyyy)			23/04/2026				—
Test method			☒ Simulator ☐ Natural sunlight				
Ambient temperature [°C]			25 ± 2				
Irradiance [W/m²]			1000 ± 10				
Module temperature [°C]			25 ± 2				
Measurement uncertainities [%] (k =2)			$P_{max,m1}$	≤ 3.0	$V_{oc,m2}$	≤ 0.9	$I_{sc,m3}$ ≤ 2.8
Sample no.	P_{max} [W]	V_{mpp} [V]	I_{mpp} [A]	V_{oc} [V]	I_{sc} [A]	FF [%]	
1	643.9	46.02	13.993	53.73	14.809	80.9	—
2	640.3	46.05	13.903	53.61	14.758	80.9	—
3	641.5	46.35	13.842	53.70	14.824	80.6	—
Supplementary information: -							

7.6 Insulation test (initial)

Test date (dd/mm/yyyy)				23/04/2026		—
Maximum system voltage [V_{DC}]				1500		
High voltage applied [V_{DC}]				8000		
Insulation resistance measured at [V_{DC}]				1500		
Sample no.	R_{iso} [GΩ]	A [m²]	R_{iso}·A [GΩ·m²]	Dielectric breakdown		
				Yes (description)	No	
1	13.40	2.70	36.18	-	No	P
2	14.30	2.70	38.61	-	No	P
3	13.80	2.70	37.26	-	No	P
Supplementary information: Minimum requirement is 0.04 GΩ·m² for A > 0.1 m² and 0.4 GΩ for A ≤ 0.1 m².						

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

7.7	**Wet leakage current test (initial)**			
Test date (dd/mm/yyyy)		23/04/2026		—
Insulation resistance measured at [V_{DC}]		1500		
Solution resistivity [Ω·cm]		≤ 3500		
Solution temperature [°C]		22 ± 2		
Sample no.	R_{iso} [MΩ]	A [m²]	R_{iso}·A [MΩ·m²]	
1	4760.0	2.70	12852.0	P
2	6480.0	2.70	17496.0	P
3	5370.0	2.70	14499.0	P
Supplementary information: Minimum requirement is 40 MΩ·m².				

7.8	**Continuity test of equipotential bonding (initial)**		
Test date (dd/mm/yyyy)		23/04/2026	—
Maximum overcurrent protection rating [A]		30	
Current applied [A]		75	
Duration of applied current [min]		2	
Location of designated point for equipotential bonding		long side of the frame	
No. of other conductive parts tested		3	
Sample no.	Max. measured voltage [mV]	Max. calculated resistance [mΩ]	
1	94.5 96.8 94.3	1.26 1.29 1.26	P
2	/	1.32 1.17 1.25	P
3	/	1.30 1.23 1.24	P
Supplementary information: -			

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

8	**Salt mist corrosion test**		
Test date (dd/mm/yyyy)		24/04/2026 - 22/05/2026	—
Sample no. 2		LRP004138260201200655	
Sample no. 3		LRP004138260201200659	
NaCl concentration [%]		5	
Course of cycle (7 days)		- Spraying: 2h / 35°C±2K / reaction of NaCl - Humidity storage: 6 days and 22h / 40°C±2K / RH 93%±3% - Transition time: maximum 2h be included in the Humidity storage	
Duration		4 cycles = 28 days	
Supplementary information: -			

8.1	**Visual inspection after Salt mist corrosion test (control)**		
Test date (dd/mm/yyyy)	22/05/2026		
Sample no.	Requirement	Nature and position of initial findings	—
2	No major visual defects	No major visual defects	P
3		No major visual defects	P
Supplementary information: -			

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

8.2 Maximum power determination at STC after Salt mist corrosion test (control)

Test date (dd/mm/yyyy)				04/06/2026				—
Test method				☒ Simulator ☐ Natural sunlight				
Ambient temperature [°C]				25 ± 2				
Irradiance [W/m²]				1000 ± 10				
Module temperature [°C]				25 ± 2				
Measurement uncertainities [%] (k =2)				$P_{max,m1}$ ≤ 3.0	$V_{oc,m2}$ ≤ 0.9	$I_{sc,m3}$ ≤ 2.8		
Sample no.	P_{max} [W]	V_{mpp} [V]	I_{mpp} [A]	V_{oc} [V]	I_{sc} [A]	FF [%]	Degra-dation [%]	
2	639.4	46.11	13.866	53.70	14.708	81.0	-0.15	P
3	639.3	46.12	13.861	53.73	14.688	81.0	-0.34	P
Supplementary information: -								

8.3 Insulation test after Salt mist corrosion test (control)

Test date (dd/mm/yyyy)				22/05/2026		—
Maximum system voltage [V_{DC}]				1500		
High voltage applied [V_{DC}]				8000		
Insulation resistance measured at [V_{DC}]				1500		
Sample no.	R_{iso} [GΩ]	A [m²]	R_{iso}·A [GΩ·m²]	Dielectric breakdown		
				Yes (description)	No	
2	14.30	2.70	38.61	-	No	P
3	13.90	2.70	37.53	-	No	P
Supplementary information: Minimum requirement is 0.04 GΩ·m² for A > 0.1 m² and 0.4 GΩ for A ≤ 0.1 m².						

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

8.4	**Wet leakage current test after Salt mist corrosion test (control)**			
Test date (dd/mm/yyyy)		22/05/2026		—
Insulation resistance measured at [V_{DC}]		1500		
Solution resistivity [Ω·cm]		≤ 3500		
Solution temperature [°C]		22 ± 2		
Sample no.	R_{iso} [MΩ]	A [m²]	R_{iso}·A [MΩ·m²]	
2	5470.0	2.70	14769.0	P
3	6120.0	2.70	16524.0	P
Supplementary information: Minimum requirement is 40 MΩ·m².				

8.5	**Continuity test of equipotential bonding after Salt mist corrosion test (control)**		
Test date (dd/mm/yyyy)		22/05/2026	—
Maximum overcurrent protection rating [A]		30	
Current applied [A]		75	
Duration of applied current [min]		2	
Location of designated point for equipotential bonding		long side of the frame	
No. of other conductive parts tested		3	
Sample no.	Max. measured voltage [mV]	Max. calculated resistance [mΩ]	
2	106.5 102.8 101.3	1.42 1.37 1.35	P
3	105.0 103.5 102.8	1.40 1.38 1.37	P
Supplementary information: -			

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen /** *Measuring results - Remarks*	**Ergebnis** *Result*

8.6	**Bypass diode functionality test after Salt mist corrosion test**				
Test date (dd/mm/yyyy)		22/05/2026			—
Number of diodes in junction box		3			
Diode manufacturer		LONGi			
Diode type designation		30SQ045			
Applied current [A]		18.925			
Duration of current flow [min]		60			
Sample no.	Diode 1	Diode 2		Diode 3	
2	working properly	working properly		working properly	P
3	working properly	working properly		working properly	P
Supplementary information: -					

--- Ende des Prüfberichts / *End of Test Report* ---

Appendix A: Abbreviations used in the report

NMOT	Nominal Module Operating Temperature
STC	Standard Test Conditions
P_{max}	Maximum power
I_{mpp}	Maximum power point current
V_{mpp}	Maximum power point voltage
I_{sc}	Short circuit current
V_{oc}	Open circuit voltage
FF	Fill factor
A	Module area

Appendix B: History of reporting and certification

Subject	Module type	Report no.	Certificate no.	Date of issue
N/A	N/A	N/A	N/A	N/A

Appendix C: Measurement reports

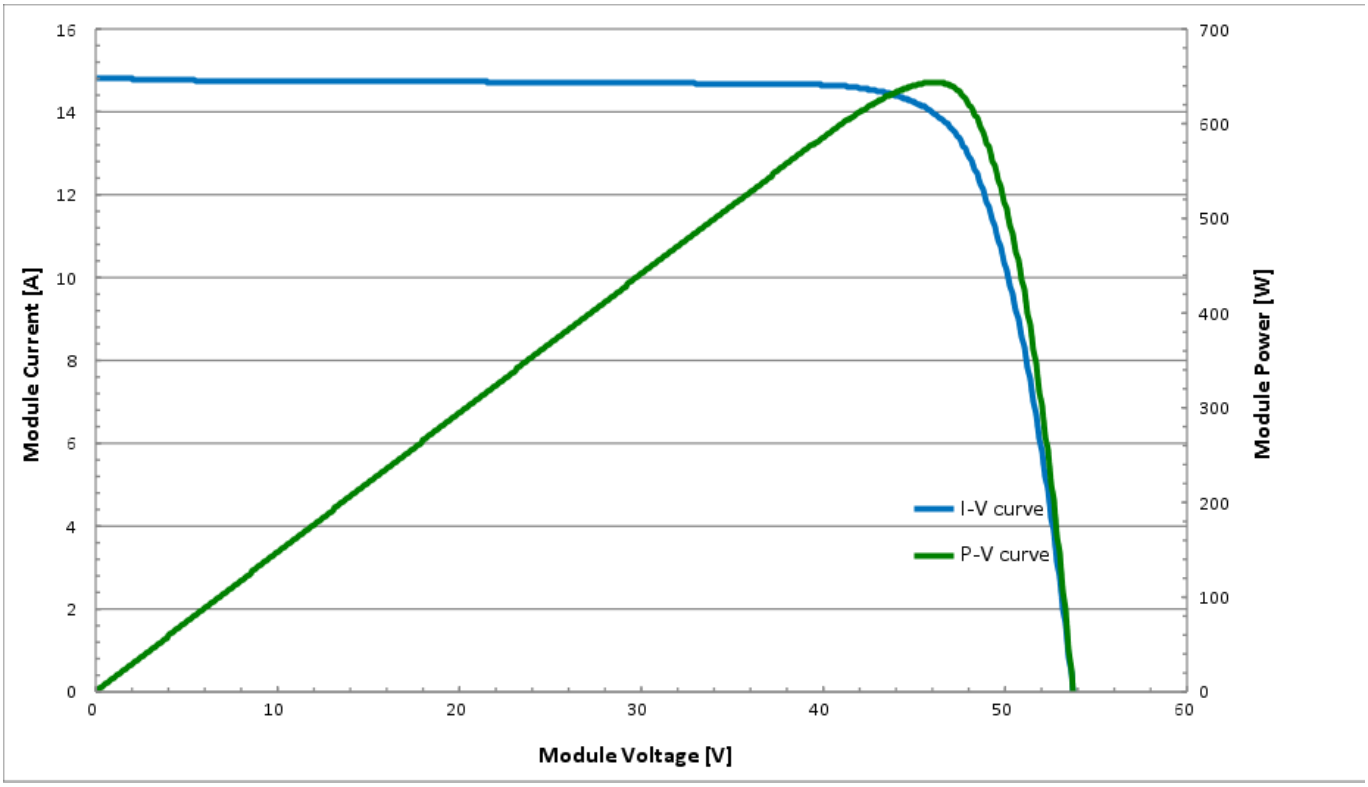

Fig. 1: IV-curves of serial no. LRP004138260201200653 (initial)

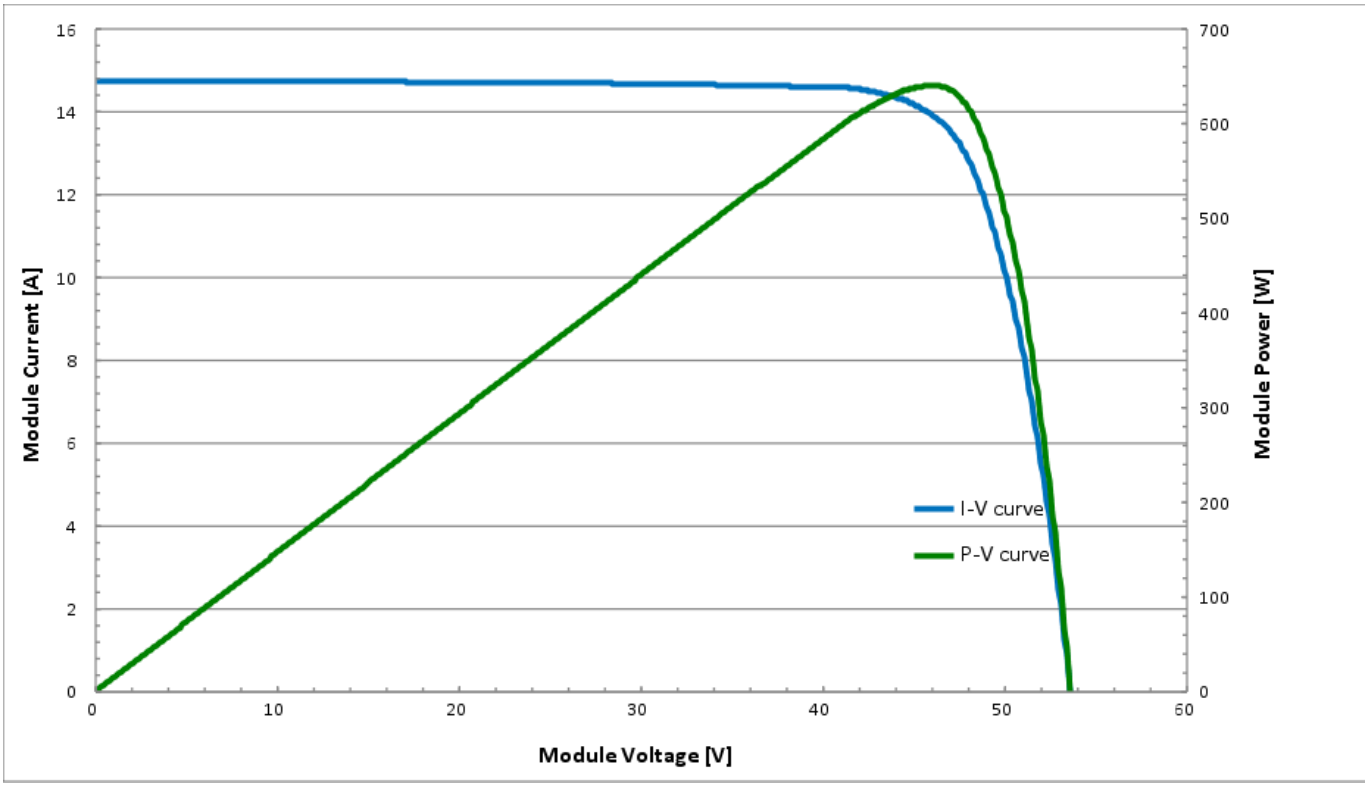

Fig. 2: IV-curves of serial no. LRP004138260201200655 (initial)

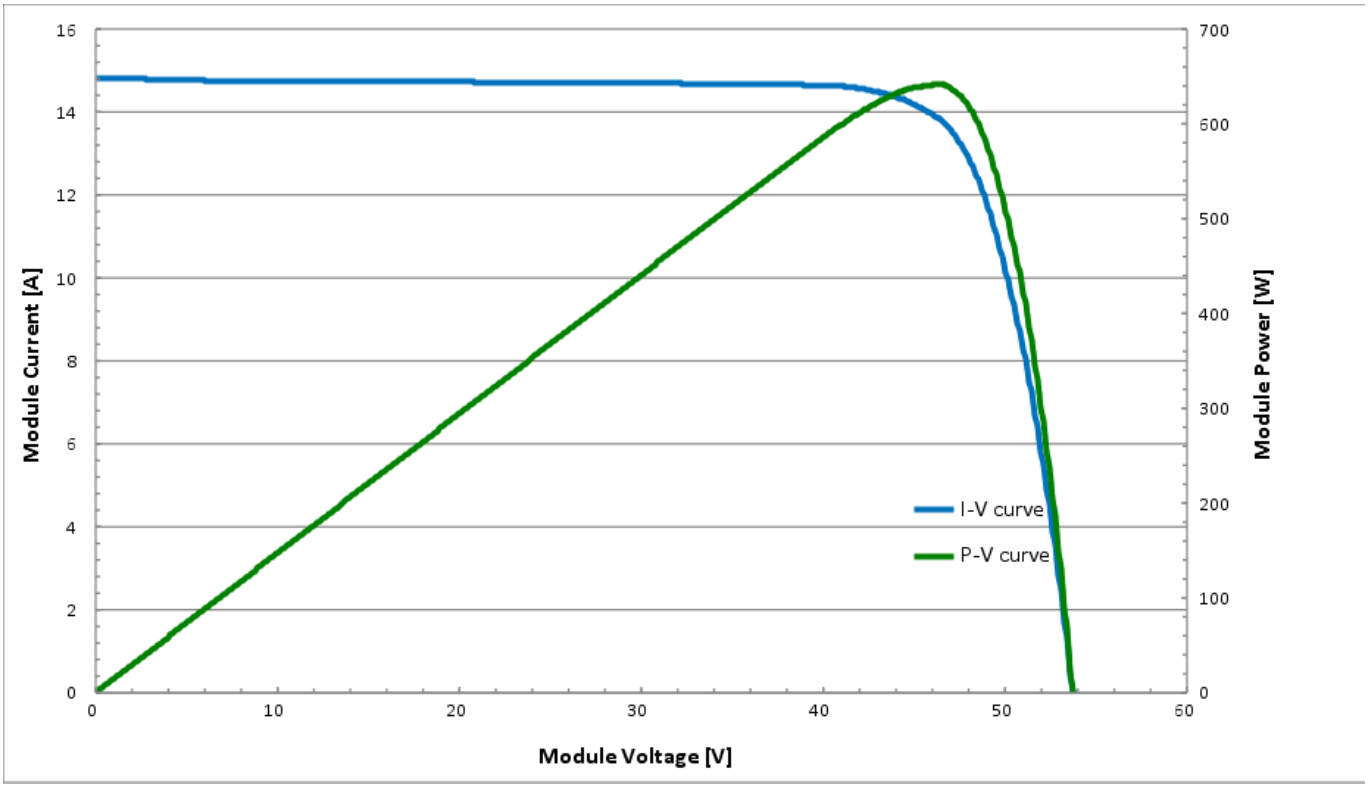

Fig. 3: IV-curves of serial no. LRP004138260201200659 (initial)

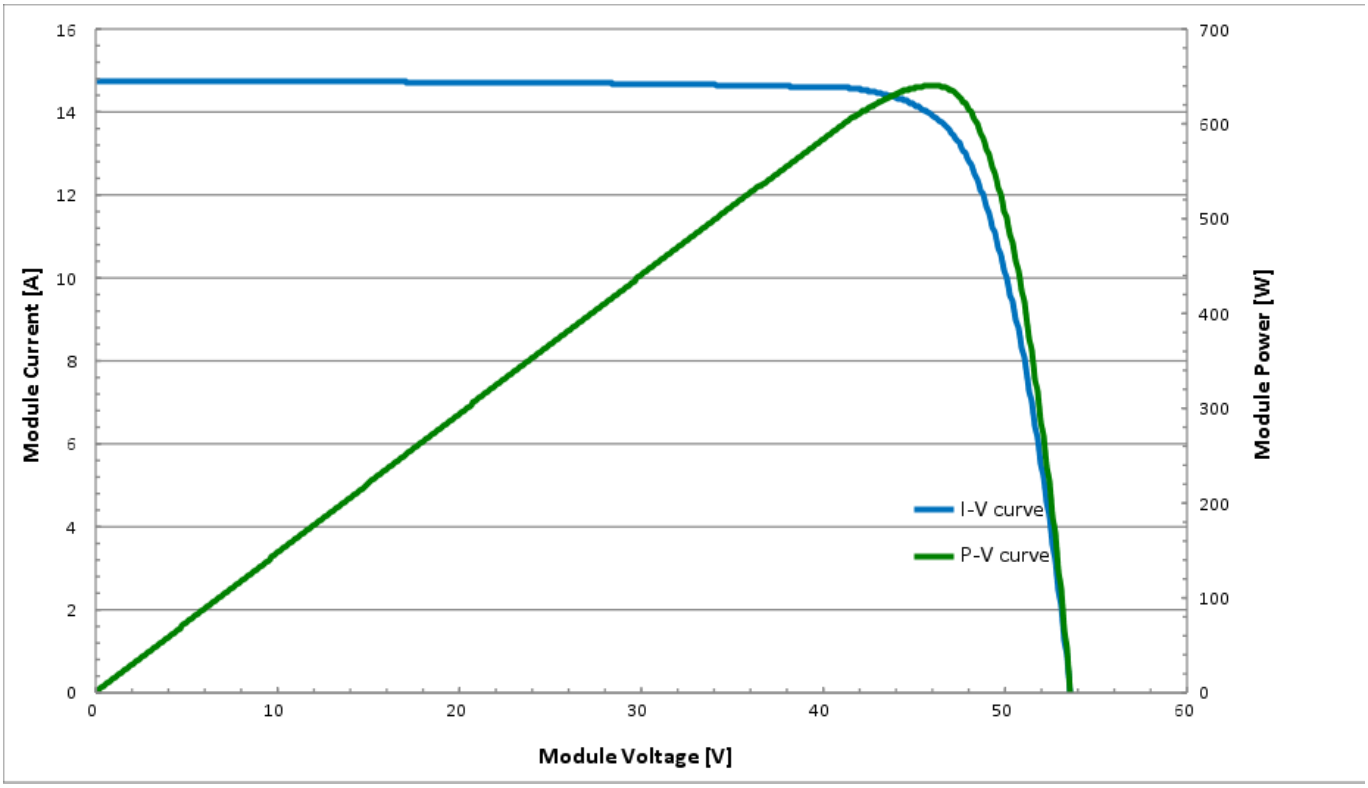

Fig. 4: IV-curves of serial no. LRP004138260201200655 (final)

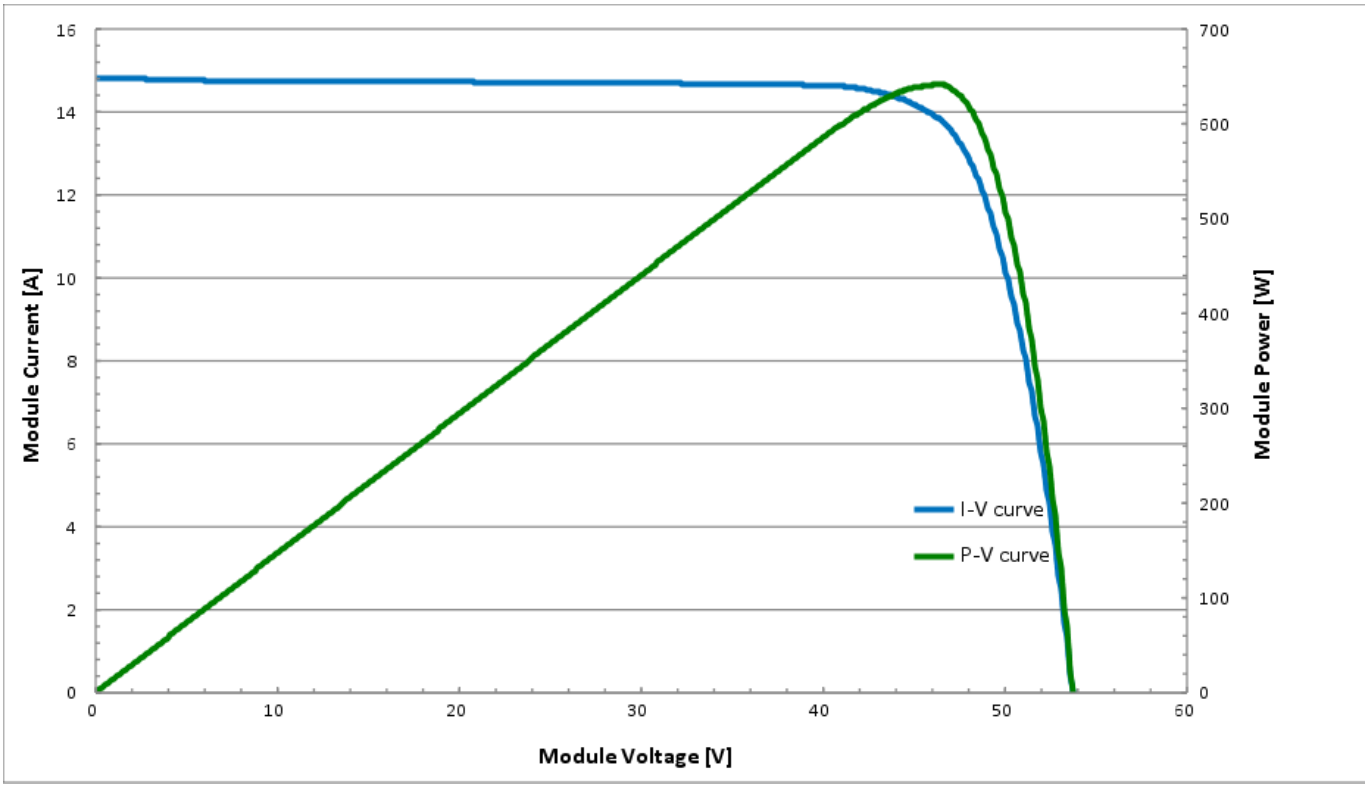

Fig. 5: IV-curves of serial no. LRP004138260201200659 (final)

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PHOTO DOCUMENTATION

Appendix D: Photos

Fig. 6: front view of test sample

Fig. 7: rear view of test sample

FOTO-DOKUMENTATION
PHOTO DOCUMENTATION

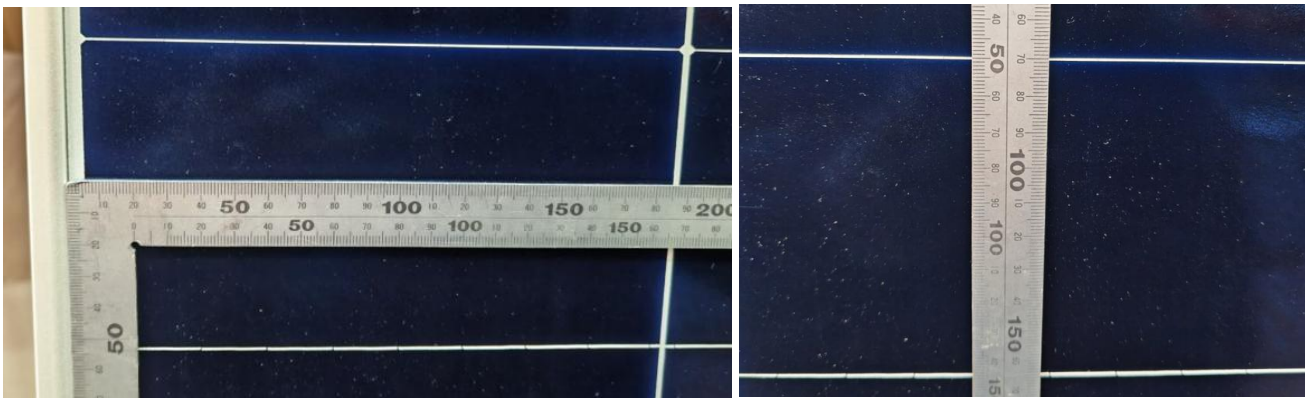

Fig. 8: detail view of solar cell

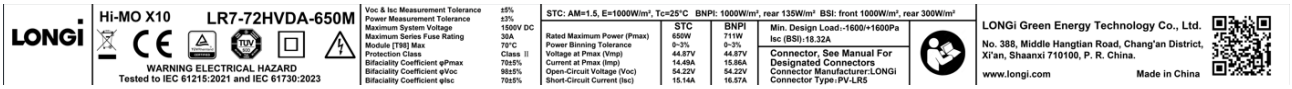

Fig. 9: detail view of type label

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Fig. 10: detail view of closed junction box

Fig. 11: detail view of connector

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PHOTO DOCUMENTATION

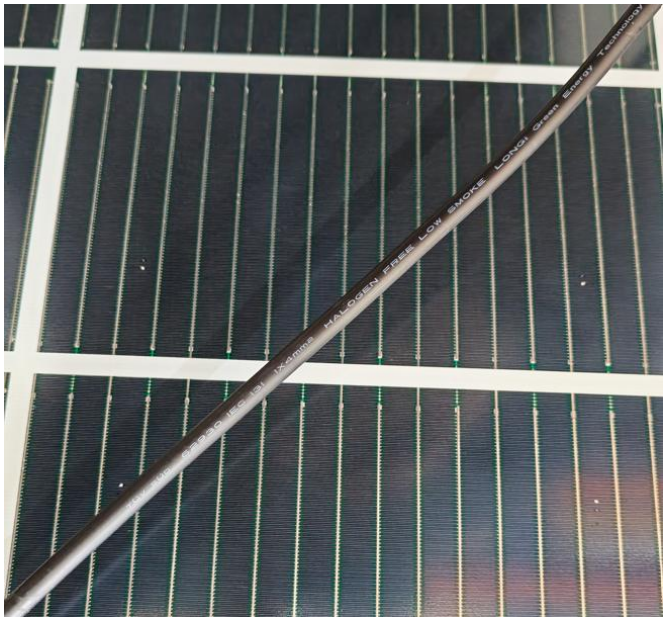

Fig. 12: detail view of cable

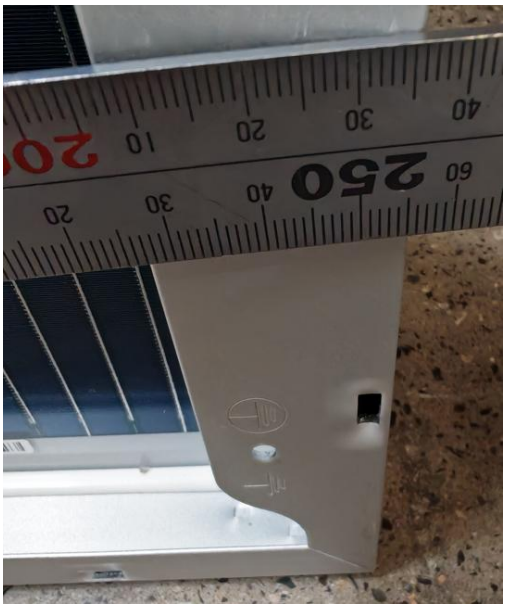

Fig. 13: detail view of equipotential bonding hole and symbol

ANLAGE zum Prüfbericht-Nr.: CN26BFX4 001
APPENDIX to test report no.:

FOTO-DOKUMENTATION
PHOTO DOCUMENTATION

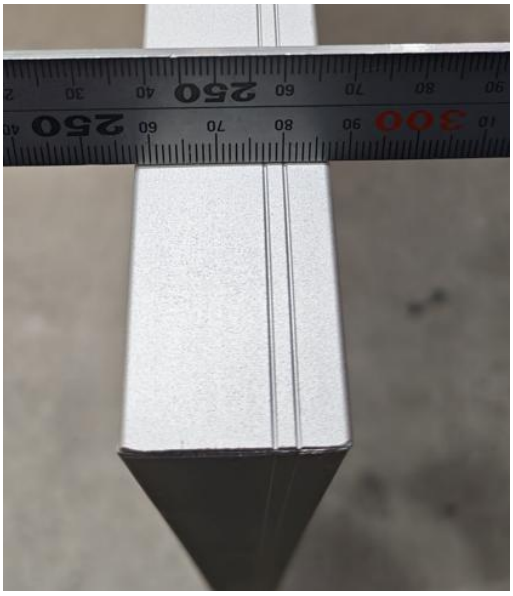

Fig. 14: detail view of frame corner