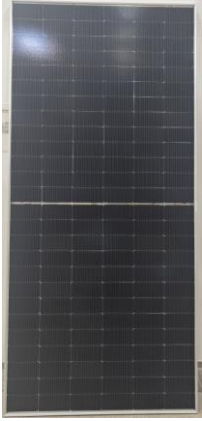




Prüfbericht-Nr.: Test report no.:	CN24GAQA 001	Auftrags-Nr.: Order no.:	326051417	Seite 1 von 14 Page 1 of 14	
Kunden-Referenz-Nr.: Client reference no.:	2496578	Auftragsdatum: Order date:	10/09/2024		
Auftraggeber: Client:	Sany Silicon Energy (Zhuzhou) Co., Ltd. No.333 Qingxia Road, Tongtangwan Street, Shifeng District, Zhuzhou City, 412005, Hunan Province, 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:	System voltage durability qualification test for photovoltaic (PV) modules				
Prüfgrundlage: Test specification:	2 PfG 2387/01.18 System voltage durability qualification test for crystalline silicon modules and for thin film modules (Potential Induced Degradation (PID))				
Wareneingangsdatum: Date of sample receipt:	Refer to test report No. CN23SHR7 001-003				
Prüfmuster-Nr.: Test sample no.:	Refer to test report No. CN23SHR7 001-003				
Prüfzeitraum: Testing period:	Refer to test report No. CN23SHR7 001-003				
Ort der Prüfung: Place of testing:	Refer to page 6				
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shanghai) Co., Ltd.				
Prüfergebnis*: Test result*:	Pass				
geprüft von: tested by:			genehmigt von: authorized by:		
Datum: Date:	17/10/2024	Signed by: Jun Huang		Ausstellungsdatum: Issue date:	17/10/2024
Stellung / Position: Project Engineer		Stellung / Position: Authorizer			
Sonstiges / Other:	<ul style="list-style-type: none"> - Basic qualification for module types listed on page 3. - Valid in conjunction with TÜV Rheinland certificate PV 50631004 - Valid only for the material combinations as listed in Constructional Data Form (CDF) No. CN24GAQA 001 				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
<p>* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</p> <p>* 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</p>					
<p>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</p> <p><i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>					

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Test report no.:

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Anmerkungen
Remarks

- | | |
|----------|--|
| 1 | <p>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.</p> <p>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>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.</i></p> |
| 2 | <p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature</p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i></p> |
| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p> |
| 4 | <p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, 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 bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>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 115:2021, 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.</i></p> |

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Test Report No.:

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Produktbeschreibung
Product description

1	<p>Produktdetails <i>Product details</i></p>	<p>New module types: Max. System Voltage: up to 1500 VDC (Voc at STC): With cut of mono c-Si cells: (Under STC) SYMN156TBDxxx (xxx=615-645, in steps of 5, 156 cells) SYMN144TBDxxx (xxx=555-595, in steps of 5, 144 cells) SYMN120TBDxxx (xxx=455-495, in steps of 5, 120 cells) SYMN108TBDxxx (xxx=415-445, in steps of 5, 108 cells) SYMN108TBDBxxx (xxx=415-445, in steps of 5, 108 cells) SYMN108TBDFBxxx (xxx=415-445, in steps of 5, 108 cells) SYMN144R01TBDxxx (xxx=590-620, in steps of 5, 144 cells) SYMN120R01TBDxxx (xxx=490-520, in steps of 5, 120 cells) SYMN108R01TBDxxx (xxx=440-470, in steps of 5, 108 cells) SYMN156R02TBDxxx (xxx=650-675, in steps of 5, 156 cells) SYMN156TBDOxxx (xxx=615-645, in steps of 5, 156 cells) SYMN156TBDLxxx (xxx=615-645, in steps of 5, 156 cells)</p> <p>With cut of mono c-Si cells: (Under BNPI) SYMN156TBDxxx (xxx=677-710, 156 cells) SYMN144TBDxxx (xxx=611-655, 144 cells) SYMN120TBDxxx (xxx=501-545, 120 cells) SYMN108TBDxxx (xxx=457-490, 108 cells) SYMN108TBDBxxx (xxx=457-490, 108 cells) SYMN108TBDFBxxx (xxx=457-490, 108 cells) SYMN144R01TBDxxx (xxx=649-682, 144 cells) SYMN120R01TBDxxx (xxx=539-572, 120 cells) SYMN108R01TBDxxx (xxx=484-517, 108 cells) SYMN156R02TBDxxx (xxx=715-743, 156 cells) SYMN156TBDOxxx (xxx=677-710, 156 cells) SYMN156TBDLxxx (xxx=677-710, 156 cells)</p> <p>xxx represents output power in Wp</p>
2	<p>Verwendete Materialien <i>Used materials</i></p>	<p>Refer to Constructional Data Form (CDF) No. CN24GAQA 001</p>

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Produktbeschreibung
Product description

3	Adresse der Produktionsstandorte <i>Address(es) of the manufacturing site(s)</i>	<table border="1"> <tr> <td>Name / Description:</td> <td>Sany Silicon Energy (Zhuzhou) Co., Ltd.</td> </tr> <tr> <td>Street:</td> <td>No.333 Qingxia Road, Tongtangwan Street, Shifeng District,</td> </tr> <tr> <td>Postcode / City, Country:</td> <td>412005 / Zhuzhou City, Hunan Province, P.R. China</td> </tr> <tr> <td>Type of production:</td> <td>Crystalline PV-module</td> </tr> <tr> <td>Inspection report No. and date</td> <td>CN23RWL8 002 / 13/05/2024</td> </tr> </table> <table border="1"> <tr> <td>Name / Description:</td> <td>Sany Silicon Energy (Shuozhou) Co., Ltd.</td> </tr> <tr> <td>Street:</td> <td>No.2-1, Weier Road, Pinglu Economic Development Zone,</td> </tr> <tr> <td>Postcode / City, Country:</td> <td>036899 / Shuozhou City, Shanxi Province, P.R. China</td> </tr> <tr> <td>Type of production:</td> <td>Crystalline PV-module</td> </tr> <tr> <td>Inspection report No / Inspection date</td> <td>CN24UWQX 001 / 22/08/2024</td> </tr> </table>	Name / Description:	Sany Silicon Energy (Zhuzhou) Co., Ltd.	Street:	No.333 Qingxia Road, Tongtangwan Street, Shifeng District,	Postcode / City, Country:	412005 / Zhuzhou City, Hunan Province, P.R. China	Type of production:	Crystalline PV-module	Inspection report No. and date	CN23RWL8 002 / 13/05/2024	Name / Description:	Sany Silicon Energy (Shuozhou) Co., Ltd.	Street:	No.2-1, Weier Road, Pinglu Economic Development Zone,	Postcode / City, Country:	036899 / Shuozhou City, Shanxi Province, P.R. China	Type of production:	Crystalline PV-module	Inspection report No / Inspection date	CN24UWQX 001 / 22/08/2024
Name / Description:	Sany Silicon Energy (Zhuzhou) Co., Ltd.																					
Street:	No.333 Qingxia Road, Tongtangwan Street, Shifeng District,																					
Postcode / City, Country:	412005 / Zhuzhou City, Hunan Province, P.R. China																					
Type of production:	Crystalline PV-module																					
Inspection report No. and date	CN23RWL8 002 / 13/05/2024																					
Name / Description:	Sany Silicon Energy (Shuozhou) Co., Ltd.																					
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Postcode / City, Country:	036899 / Shuozhou City, Shanxi Province, P.R. China																					
Type of production:	Crystalline PV-module																					
Inspection report No / Inspection date	CN24UWQX 001 / 22/08/2024																					
4	Sonstiges <i>Other</i>	Test sample(s), as well sample information, description, product details and intended usage was provided by customer.																				
5	Prüfmusterbereitstellung: <i>Test sample obtaining:</i>	<input checked="" type="checkbox"/> Sending by customer <input type="checkbox"/> Sampling by TÜV Rheinland Group <input type="checkbox"/> others:																				

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Produktbeschreibung
Product description

6 Zusammenfassung der Prüfergebnisse
Summary of test results

According to the inquiry the resistance to Potential Induced Degradation of photovoltaic (PV) modules should be assessed in accordance with 2 PfG 2387/01.18. Test condition also fulfill the specification listed in IEC TS 62804-1:2015.

The tests of the requirements of 2 PfG 2387/01.18 were all fulfilled according to its regulations of the pass criteria. The above listed module types have been fully certified according to the IEC 61215/EN 61215 and IEC 61730/EN IEC 61730 standards and it is the prerequisite to be certified Potential Induced Degradation.

- Basic qualification testing for model types on page 3. The relevant tests were performed on the representative modules with the module types SYMN144TBDxxx and test results are documented in this test report No. CN23SHR7 001. The module types have been approved based on test report No. CN24PF66 001-004 according to standards IEC 61215: 2021 and IEC 61730: 2023.

- The differences of module types are as below:

1. SYMN156TBDxxx series are for module with 182.2 x 91mm & 182.2 x 91.875mm Topcon solar cells (156 pcs).
2. SYMN144TBDxxx series are for module with 182.2 x 91mm & 182.2 x 91.875mm Topcon solar cells (144 pcs).
3. SYMN120TBDxxx series are for module with 182.2 x 91mm & 182.2 x 91.875mm Topcon solar cells (120 pcs).
4. SYMN108TBDxxx series are for module with 182.2 x 91mm & 182.2 x 91.875mm Topcon solar cells (108 pcs).
5. SYMN144R01TBDxxx series are for module with 182.2mm x 95.8mm Topcon solar cells (144 pcs).
6. SYMN120R01TBDxxx series are for module with 182.2mm x 95.8mm Topcon solar cells (120 pcs).
7. SYMN108R01TBDxxx series are for module with 182.2mm x 95.8mm Topcon solar cells (108 pcs).
8. SYMN108TBDBxxx series are for module with 182.2 x 91mm & 182.2 x 91.875mm Topcon solar cells (108 pcs), letter "TBDB" is the same as "TBD" except for the color is black.
9. SYMN156R02TBDxxx series are for module with 191.6 x 91.1mm Topcon solar cells (156 pcs).

- Constructional check and maximum power determination were performed on the representative model type SYMN156TBD625. This report have to be read in conjunction with Constructional Data Form (CDF) No. CN24GAQA 001 and test report No.

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Produktbeschreibung
Product description

	<p>CN23SHR7 001 & CN24PF66 001-004.</p> <p>This test report includes a history of reporting and certification and photo documentation in the appendix.</p> <p>Throughout this report a point is used as the decimal separator.</p> <p>Summary of test location:</p> <p>All the tests were performed at TÜV Rheinland (Suzhou) Co., Ltd., which is located at 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</p>
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Test report no.:

Absatz Clause	Anforderungen - Prüfungen Requirements – Tests 2 PfG 2387/01.18	Messergebnisse – Bemerkungen Measuring results - Remarks	Ergebnis Result
7	Stress levels		
	Crystalline silicon modules		
	Test method choosen: Voltage: module rated system voltage and polarities.	1-A <input type="checkbox"/> 1-B <input checked="" type="checkbox"/> 1-1 <input type="checkbox"/> 1-C <input type="checkbox"/> N/A <input type="checkbox"/>	—
	Method 1-A: – Chamber air temperature: 60 °C ± 2°C, – Chamber relative humidity: 85 % ± 3% RH, – Test duration: 96 h dwell at above stated temperature and relative humidity	N/A	—
	Method 1-B: – Chamber air temperature: 85 °C ± 2°C, – Chamber relative humidity: 85 % ± 3% RH, – Test duration: 96 h dwell at above stated temperature and relative humidity	Test condition also fulfill the specification listed in IEC TS 62804-1:2015.	—
	Method 1-1 (Delamination): – Chamber air temperature: 85 °C ± 2°C, – Chamber relative humidity: 85 % ± 3% RH, – Test duration: 250 h dwell at above stated temperature and relative humidity	N/A	—
	Method 1-C: – Module temperature: 25 °C ± 1°C, – Relative humidity: < 60%rH. – Dwell duration: 168 h -- Cover the PV module surfaces with an electrically conductive medium (e.g. aluminum foil).	N/A	—
	The degradation of maximum STC output power between initial and final power measurement does not exceed 5 %.	See table “Maximum power determination”	P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	There is no visual evidence of a mayor defect as defined in IEC 61215-1:2016 Clause 8.	See table “Visual inspection”	P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	The wet leakage current test (IEC 61215-1:2016 MQT 15) requirements are met.	See table “Wet leakage current test”	P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>

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Test report no.:

Absatz Clause	Anforderungen - Prüfungen Requirements – Tests 2 PfG 2387/01.18	Messergebnisse – Bemerkungen Measuring results - Remarks	Ergebnis Result
	Thin film modules		
	Test method chosen: Voltage: module rated system voltage and polarities.	2-A <input type="checkbox"/> 2-B <input type="checkbox"/> 2-1 <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	—
	Method 2-A : – Chamber air temperature: 85 °C ± 2°C, – Chamber relative humidity: 85 % ± 3% RH, – Test duration: 168 h dwell at above stated temperature and relative humidity,	N/A	—
	Method 2-B: – Chamber air temperature: 85 °C ± 2°C, – Chamber relative humidity: 85 % ± 3% RH, – Test duration: 1000 h dwell at above stated temperature and relative humidity,	N/A	—
	Method 2-1 (Delamination): – Chamber air temperature: 85 °C ± 2°C, – Chamber relative humidity: 85 % ± 3% RH, – Test duration: 1000 h dwell at above stated temperature and relative humidity	N/A	—
	The degradation of maximum STC output power between initial and final power measurement does not exceed 5 % + the maximum degradation of the reference modules. Positive degradation (annealing) of the reference module has been taken into account. Note: For thin film modules, a 10% power loss criterion after 1000 h under damp heat conditions is reasonable.	N/A	P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>
	There is no visual evidence of a mayor defect as defined in IEC 61215-1:2016 Clause 8.	N/A	P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>
	The wet leakage current test (IEC 61215-1:2016 MQT 15) requirements are met.	N/A	P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>

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Test report no.:

Absatz Clause	Anforderungen - Prüfungen Requirements – Tests 2 PfG 2387/01.18	Messergebnisse – Bemerkungen Measuring results - Remarks	Ergebnis Result
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1	List of test samples		
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Sample no.	Sample SN	Remarks / constructional characteristics	
Module type: SYMN156TBD625			
1	312012090004	<p>Front cover: 2.0mm External AR Coating Tempered Glass from Hunan Kibing Solar Technology Co., Ltd. Encapsulation material: EP304 (between glass and cell) / F406PS (between cell and back glass) from HANGZHOU FIRST APPLIED MATERIAL CO., LTD. Rear cover: 2.0mm Semi-Tempered back glass from Hunan Kibing Solar Technology Co., Ltd. Solar Cell: SYCN182T16 from Sany Silicon Energy (Zhuzhou) Co., Ltd. Frame: 30mm, 6005-T6 from CHANGSHU DONGNENG SOLAR TECHNOLOGY CO., LTD Adhesive of frame sealing: HT906Z from Shanghai Huitian New Material Co., Ltd. Cell connector: Φ0.26mm Sn60/Pb40 from Suzhou YourBest New-type Materials Co., Ltd. String connector: 6.0mm x 0.3mm, 4.0mm x 0.3mm Sn60/Pb40 from Suzhou YourBest New-type Materials Co., Ltd. Fluxing agent: SF180 from ASAHI SOLDER TECHNOLOGY(WUXI) CO., LTD Fixing Tape: D60F6-2 from Suzhou Rongzhi Electronic Technology Co., Ltd Junction box: 3Qxy from QC Solar (Suzhou) Corporation Cable: 62930 IEC 131 1 x 4.0mm² from QC Solar (Suzhou) Corporation Connector: QC4.10-cds from QC Solar (Suzhou) Corporation Bypass diode: QCM4045 from QC Solar (Suzhou) Corporation Adhesive of J-Box sealing: HT906Z from Shanghai Huitian New Material Co., Ltd. Potting Material in junction box: 5299W-S from Shanghai Huitian New Material Co., Ltd.</p>	—

Remark: Sample #1 was tested as reference module.

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Absatz <i>Clause</i>	Anforderungen - Prüfungen <i>Requirements – Tests</i> 2 PfG 2387/01.18	Messergebnisse – Bemerkungen <i>Measuring results - Remarks</i>	Ergebnis <i>Result</i>

2	Visual inspection (initial)		
Test date (dd/mm/yyyy)		26/01/2024	
Sample no.		Nature and position of initial findings	—
1		No major visual defects	P
Supplementary information: N/A			

3	Maximum power determination (initial)						
Test date (dd/mm/yyyy)			26/01/2024			—	
Module temperature [°C]			25 ± 2				
Irradiance W/m ²			1000				
Sample no.	P _{max} [W]	V _{mpp} [V]	I _{mpp} [A]	V _{oc} [V]	I _{sc} [A]		FF [%]
1	626.6	48.12	13.022	56.59	13.722		80.7
Supplementary information: N/A							

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

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ZUSATZ-DOKUMENTATION
ADDITIONAL DOCUMENTATION

Appendix A: Abbreviations used in the report

PID	Potential Induced Degradation
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
α	Current temperature coefficient
β	Voltage temperature coefficient
γ	Power temperature coefficient
R_{iso}	Electrical insulation resistance
A	Module area

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ZUSATZ-DOKUMENTATION
ADDITIONAL DOCUMENTATION

Appendix C: History of certification

Project no.	Report no.	Date of issue	Result	Remarks
N/A				

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FOTO-DOKUMENTATION
PHOTO DOCUMENTATION

Appendix D: Photos

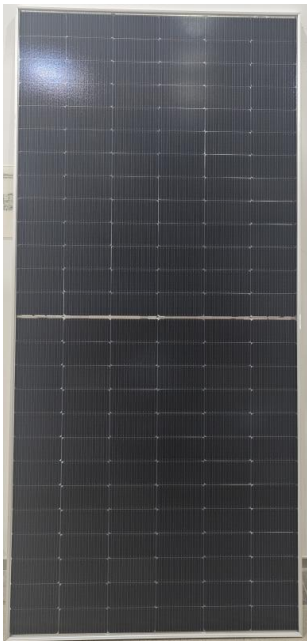


Fig. 1: front view of test sample



Fig. 2: rear view of test sample

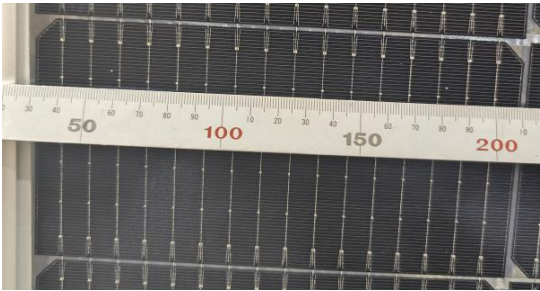


Fig. 3: detail view of solar cell



PV MODULE
Sany Silicon Energy (Zhuzhou) Co., LTD
Sany Energy Equipment Industrial Park,
No.320 Qinghui Road, Shifeng District,
Zhuzhou City, Hunan Province 412005
China
<https://www.sanyglobal.com/product/>

SYM156TBD 625
Max. power (P_{max})
Max. power tolerance
Power sorting
Voltage at max. power (V_{mpp})
Current at max. power (I_{mpp})
Open-circuit voltage (V_{oc})
Short-circuit current (I_{sc})

625W
+3%
0~4.99W
47.14V
13.26A
55.81V±3%
13.84A±3%

Series Fuse Rating
Maximum system voltage
operating temperature range
protect rage
module wprotecteigh
module size
STC

30A
1500VDC
40°C ~ +85°C
II
34.3(kg)
2465×1134×30(mm)
1000W/m², AM1.5, 25°C


 **warning**
Only the professionals can install and
maintain the components Be careful of the
dangerous high DC voltage when connecting
the components Never damage or scratch the
back of the assembly
Certified in accordance with IEC 61215:2016 and IEC
61730:2016
MADE IN CHINA

Fig. 4: detail view of type label

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FOTO-DOKUMENTATION
PHOTO DOCUMENTATION



Fig. 5: view of closed junction box

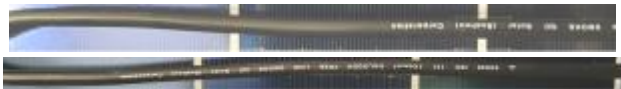


Fig. 6: view of cables



Fig. 7: view of connections

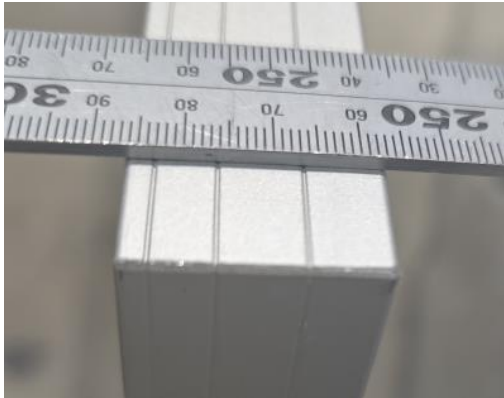


Fig. 8: view of frame corner

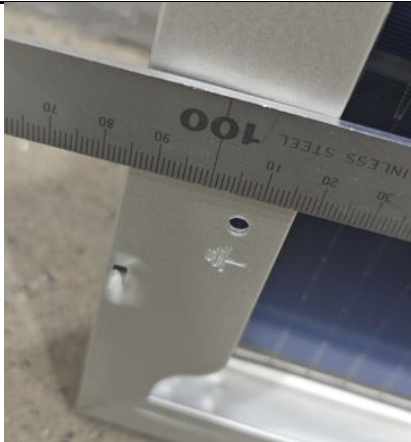


Fig. 9: view of grounding mark

N/A

N/A