

Test Verification of Conformity

Verification Number: 221215056GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address: Shenzhen SOFARSOLAR Co., Ltd.

11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-

district, Bao'an District, Shenzhen City, China

Product Description: Utility interactive-type Solar inverter

Ratings & Principle See APPENDIX: Test Verification of Conformity Characteristics:

Models/Type References: SOFAR 100KTLX-G4, SOFAR 110KTLX-G4

SOFAR 125KTLX-G4, SOFAR 125KTLX-G4-A

Brand Names:

Specification<s>/Standards: EN 50530: 2010 + A1:2013 -Overall efficiency of grid connected photovoltaic

inverters

Verification Issuing Office Name Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

& Address:

Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2.

Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China

Date of Tests: 20 Mar 2023 – 24 May 2023

Test Report Number(s): 221215056GZU-008

Additional information in Appendix.

Signature

Name: Jason Fu Position: Supervisor Date: 30 May 2023

Jason Tu

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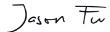


APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 221215056GZU-VOC001

Ratings & Principle Characteristics:

| Model | SOFAR | SOFAR | SOFAR | SOFAR |
|-------------------------------------|----------------------|------------|------------|------------------|
| Model | 100KTLX-G4 | 110KTLX-G4 | 125KTLX-G4 | 125KTLX-G4- A |
| Max. DC input Voltage | 1100Vdc | | | |
| Operating MPPT voltage range | 180Vdc – 1000Vdc | | | |
| Max. Input current | 10*40A | | | |
| PV Isc | 10*50A | | | |
| Nominal AC output voltage | 3/N/PE 230Vac/400Vac | | | |
| Nominal AC output Frequency | 50/60Hz | | | |
| Max. AC output current | 145A | 159.5A | 181.2A | 181.2A |
| Rated Output power | 100.0KW | 100.0KW | 110.0KW | 125.0KW |
| Max.Output Power | 100.0KVA | 110.0KVA | 125.0KVA | 125.0KVA |
| Power factor | 1(adjustable +/-0.8) | | | |
| Safety level | Class I | | | |
| Ingress Protection | IP 66 | | | |
| Operation Ambient Temperature | -30℃ - 60℃ | | | |
| Software version | V000001 | | | |



Signature

Name: Jason Fu Position: Supervisor Date: 30 May 2023

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