

# 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 Characteristics:	See APPENDIX: Test Verification of Conformity
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 & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch 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.

*Jason Fu*

**Signature**

**Name: Jason Fu**

**Position: Supervisor**

**Date: 30 May 2023**

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

## APPENDIX: Test Verification of Conformity

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

Ratings & Principle Characteristics:

Model	SOFAR 100KTLX-G4	SOFAR 110KTLX-G4	SOFAR 125KTLX-G4	SOFAR 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°C - 60°C			
Software version	V000001			

*Jason Fu*

**Signature**

**Name: Jason Fu**

**Position: Supervisor**

**Date: 30 May 2023**

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.