


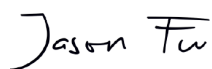
Test Verification of Conformity

Verification Number: 230621178GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Shenzhen SOFARSOLAR Co., Ltd.
Product Description:	11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SOFAR 40KTLX-G4-LV, SOFAR 50KTLX-G4-LV, SOFAR 60KTLX-G4-LV, SOFAR 75KTLX-G4-LV
Brand Name:	
Relevant Standards/Directives:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
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:	21 Jun 2023 - 10 Jul 2023
Test Report Number(s):	230621178GZU-001, 230621178GZU-002
Additional information in Appendix.	



Signature

Name: Jason Fu

Position: Supervisor

Date: 25 July 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: 230621178GZU-VOC001.

MODEL	SOFAR 40KTLX-G4-LV	SOFAR 50KTLX-G4-LV	SOFAR 60KTLX-G4-LV	SOFAR 75KTLX-G4-LV
Max. DC input voltage	900Vd.c.			
MPPT voltage range	180V-800Vd.c.			
Max. Input current	6*40A		8*40A	
Max. PV Isc	6*50A		8*50A	
Nominal Grid voltage	3/N/PE, 127/220Va.c.			
Max. Output Current	115.5A	144.4A	173.3A	196.9A
Nominal Grid frequency	50/60Hz			
Rated output Power	40000W	50000W	60000W	75000W
Max. Apparent power	44000VA	55000VA	66000VA	75000VA
Power Factor	1(adjustable +/-0.8)			
Ingress Protection	IP66			
Ambient temperature range	-30~+60°C			
Software Version	V000001			
Protective Class	Class I			

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 25 July 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.