

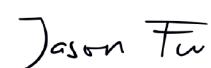
Test Verification of Conformity

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. 11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China
Product Description:	See Appendix: Test Verification of Conformity
Ratings & Principle Characteristics:	SOFAR 40KTLX-G4-LV, SOFAR 50KTLX-G4-LV, SOFAR 60KTLX-G4-LV, SOFAR 75KTLX-G4-LV
Models/Type References:	
Brand Name:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements
Relevant Standards/Directives:	IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters
Verification Issuing Office Name & Address:	Low Voltage Directive 2014/35/EU 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

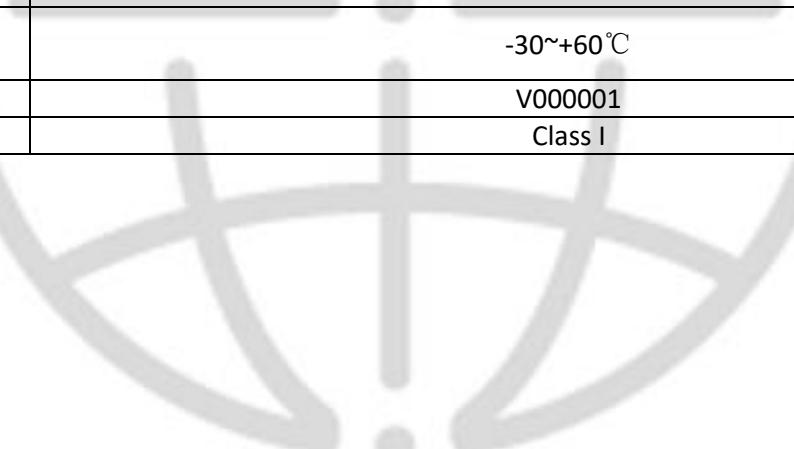
Date: 25 July 2023

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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

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