

Test Verification of Conformity

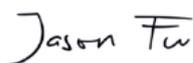
Verification Number: 230920208GZU -VOC001

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., Gaoxingqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China
Product Description:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SOFAR 15KTLX-G3P, SOFAR 17KTLX-G3P, SOFAR 20KTLX-G3P, SOFAR 20KTLX2-G3P, SOFAR 23KTLX-G3P, SOFAR 25KTLX-G3P, SOFAR 30KTLX-G3P
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 September 2023 – 08 November 2023
Test Report Number(s):	230920208GZU-001, 230920208GZU-002

Additional information in Appendix.



Signature

Name: Jason Fu

Position: Supervisor

Date: 27 November 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230920208GZU -VOC001.

Ratings &
Principle
Characteristics:

Model	SOFAR 15KTLX- G3P	SOFAR 17KTLX- G3P	SOFAR 20KTLX- G3P	SOFAR 20KTLX2- G3P	SOFAR 23KTLX- G3P	SOFAR 25KTLX- G3P	SOFAR 30KTLX- G3P
Max. input Voltage	1100 Vdc						
MPPT voltage range	160 Vdc – 1000 Vdc						
Max. Input current	20A/32A			40A/32A		40A/40A	
PV Isc	25A/40A			50A/40A		50A/50A	
Rated AC output voltage	3/N/PE, 230/400Vac						
Rated output Frequency	50/60 Hz						
Max. AC output current	25.1 A	28.5 A	33.5 A		38.5 A	41.8 A	50.2 A
Rated Output power	15000 W	17000 W	20000 W		23000 W	25000 W	30000 W
Max. apparent Power	16500 VA	18700 VA	22000 VA		25300 VA	27500 VA	33000 VA
Power factor	0.8 leading – 0.8 lagging						
Safety level	Class I						
Ingress Protection	IP 66						
Operation Ambient Temperature	-30°C - 60°C						
Software Version	V010000						

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 27 November 2023

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