



Test Verification of Conformity

Verification Number: 230213067GZU -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-G3-LV, SOFAR 20KTLX-G3-LV, SOFAR 25KTLX-G3-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:	13 Feb 2023 – 06 April 2023
Test Report Number(s):	230213067GZU-001, 230213067GZU-002
Additional information in Appendix.	



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 19 April 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230213067GZU -VOC001.

Ratings & Principle Characteristics:

Model	SOFAR 15KTLX-G3-LV	SOFAR 20KTLX-G3-LV	SOFAR 25KTLX-G3-LV
Max. DC input Voltage	1100Vdc		
Operating MPPT voltage range	180Vdc – 800Vdc		
Max. Input current	40A*3	40A*4	
PV Isc	50A*3	50A*4	
Nominal AC output voltage	3/N/PE, 127/220Vac		
Nominal AC output Frequency	50/60Hz		
Max. AC output current	43.4A	57.7A	65.7A
Nominal Output power	15KW	20KW	25KW
Max. Output Power	16.5KVA	22KVA	25KVA
Power factor	1 (adjustable +/-0.8)		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-30°C - 60°C		
Software version	V000001		



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