

Test Verification of Conformity

Verification Number: 200331123GZU-VOC001

On the basis of the referenced test reports, sample 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 reports and should be read in conjunction with 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 SOFAR SOLAR Co., Ltd. 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, China
Product Description:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SOFAR 7.5KTLM
Brand Name:	
Relevant Standards/Directives:	See Appendix: Test Verification of Conformity
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Date of Tests:	31 Mar., 2020 – 06 Apr., 2020
Test Report Number(s):	190325006GZU-001 dated 10 April 2019 and Revision 1 : 07 April 2020 190325006GZU-002 dated 10 April 2019

Additional information in Appendix.



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 17 April 2020

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 200331123GZU-VOC001

Ratings & Principle
Characteristics:

PV input:
Max. DC Input Voltage: 600Vdc
Operating MPPT Voltage Range: 90Vdc – 580Vdc
Max,input current: 3×11A
Max. PV Isc: 3 ×13.2A
AC output:
Nominal Grid voltage: 230Vac
Max. output current: 32.6A
Nominal Grid Frequency: 50Hz
Nominal output power: 7500W
Max.output power:7500VA
Power Factor: 1 (adjustable +/-0.8)
Ingress Protection: IP 65
Protective Class: I
Operating temperature range: -30 — +60°C
Software version: V1.20

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



Signature

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