


# Test Verification of Conformity

Verification Number: 200331130GZU-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. This verification replaces previous verification dated: 30 Jul 2019: 190411091GZU-001

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 10000TL-G2, SOFAR 12000TL-G2, SOFAR 15000TL-G2
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):	190411091GZU-005, date 18 Jun.,2019 and Revision 1:07 April 2020 190411091GZU-006, date 18 Jun.,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: 200331130GZU-VOC001

Ratings & Principle Characteristics:

Model	SOFAR 10000TL-G2	SOFAR 12000TL-G2	SOFAR 15000TL-G2
Max.PV voltage	1000 d.c.V		
PV MPPT voltage range	160-960 d.c.V		
Max.input current	21 /11 d.c.A		
PV Isc	30/15 d.c.A		
Max.output power	10000W	12000W	15000W
Max.apparent power	11000VA	13200VA	16500VA
Nominal output voltage	3/N/PE, 230 /400 a.c.V		
Max.output current	3×16.5 a.c.A	3×20.0 a.c.A	3×24.0 a.c.A
Nominal output Frequency	50 Hz		
Power factor range	0.8Leading – 0.8 lagging		
Inverter technology	Non-isolated		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - +60°C		
Software Version	V0.21		

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

Name: Tommy Zhong

Position: Technical Manager

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