


# Test Verification of Conformity

Verification Number: 180807124GZU-001

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 SOFAR SOLAR Co., Ltd. 5/F, Building 4, Antongda Industrial Park, No.1 Liuxian Avenue. Xin'an Str Bao'an District, Shenzhen, P.R, China
Product Description:	Solar inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SOFAR 30000TL-Sx Series, SOFAR 33000TL-Sx Series, SOFAR 36000TL-Sx Series, SOFAR 40000TL-Sx Series (x=0-2)
Brand Name(s):	
Standard(s)/Directive(s):	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
Test Report Number(s):	180807124GZU-001, 180807124GZU-002

Additional information in Appendix



**Signature**

**Name: Tommy Zhong**

**Position: Assistant Technical Manager**

**Date: 24 Aug 2018**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 180807124GZU-001

Ratings & Principle  
Characteristics:

Maximum d.c. input voltage: 1000 V  
 Input voltage range: 250-960 V  
 MPPT voltage range: 560-800 V (for SOFAR 40000TL-Sx); 500-800 V (for SOFAR 36000TL-Sx); 480-800 V (for SOFAR 30000TL-Sx, SOFAR 33000TL-Sx)  
 Max. input current: 2×32 A (for SOFAR 30000TL-Sx); 2×35 A (for SOFAR 33000TL-Sx); 2×38 A (for SOFAR 36000TL-Sx); 2×35 A (for SOFAR 40000TL-Sx)  
 Max. PV Isc: 2×40 A (for SOFAR 30000TL-Sx); 2×40 A (for SOFAR 33000TL-Sx); 2×42 A (for SOFAR 40000TL-Sx); 2×40 A (for SOFAR 40000TL-Sx)  
 Nominal output voltage: 3/N/PE230V/400Vac (for SOFAR 30000TL-Sx, SOFAR 33000TL-Sx, SOFAR 36000TL-Sx); 3/PE/480Vac or 3/n/PE 277/480V (for SOFAR 40000TL-Sx)  
 Max. output current: 3×43 A (for SOFAR 30000TL-Sx); 3×48A (for SOFAR 33000TL-Sx); 3×54A (for SOFAR 36000TL-Sx); 3×48 A (for SOFAR 40000TL-Sx)  
 Nominal frequency: 50 Hz  
 Max. output power: 30000 VA (for SOFAR 30000TL-Sx); 33000 VA (for SOFAR 33000TL-Sx); 36000 VA (for SOFAR 36000TL-Sx); 40000 VA (for SOFAR 40000TL-Sx)  
 Ingress protection: IP65  
 Operating temperature range: -25~+60°C

Standard(s)/Directive(s):

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