


Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant  mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

Applicant Name & Address:	Shenzhen SOFARSOLAR Co., Ltd. 3A-1, Huake Building, East Technology Park, Qiaoxiang Road, Nanshan District, Shenzhen, China
Product Description: Ratings & Principle Characteristics: Models:	Grid-connected PV inverter Refer to Annex to test verification of conformity Sofar 20000TL-Sx, Sofar 17000TL-Sx, Sofar 15000TL-Sx, Sofar 10000TL-Sx (x=0-6)
Brand Name:	
Relevant Standards/ Specifications/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 2006/95/EC
Verification Issuing Office:	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:	05 Nov., 2013 – 30 Dec., 2013
Test Report Number(s):	130918053GZU-004 / 130918053GZU-004, 130918053GZU-005

Signature: 

Name:

Grady Ye

Position:

Senior Supervisor

Date:

16 Jan., 2014



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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
130918053GZU-004 / 130918053GZU-004, 130918053GZU-005. The issuing office is Intertek Legal
Entity as above.

Ratings & Principle Characteristics: : Maximum d.c. input voltage: 1000 V
Input voltage rang: 250-960 V
Max. input current: 2×24 A (for Sofar 20000TL-Sx); 2×21 A (for Sofar 17000TL-Sx, Sofar 15000TL-Sx); 2×15 A (for Sofar 10000TL-Sx)
Max. PV Isc: 2×30 A (for Sofar 20000TL-Sx); 2×27 A (for Sofar 17000TL-Sx, Sofar 15000TL-Sx); 2×20 A (for Sofar 10000TL-Sx)
Nominal output voltage: 3/N/PE230V/400V
Max. output current: 3×29 A (for Sofar 20000TL-Sx); 3×25 A (for Sofar 17000TL-Sx); 3×22 A (for Sofar 15000TL-Sx); 3×15 A (for Sofar 10000TL-Sx)
Nominal frequency: 50 Hz
Max. output power: 20000 W (for Sofar 20000TL-Sx); 17000 W (for Sofar 17000TL-Sx); 15000 W (for Sofar 15000TL-Sx); 10000 W (for Sofar 10000TL-Sx)
Ingress protection: IP65
Operating temperature range: -25~60°C

NOTE: This annex is part of the Test Verification of Conformity and should be read in conjunction with it.

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Name: Grady Ye
Position: Senior Supervisor
Date: 16 Jan., 2014

