

Test Verification of Conformity

In the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

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:	Solar Inverter See Annex to Test Verification of Conformity Sofar 5000TLM, Sofar 4600TLM, Sofar 4000TLM, Sofar 3680TLM, Sofar 3000TLM
Brand Name:	
Relevant Standards/ Specifications/ Directives	IEC 60068-2-1:2007, Environmental testing –Part 2-1: Tests –Test A: Cold IEC 60068-2-2:2007, Environmental testing –Part 2-2: Tests –Test B: Dry heat IEC60068-2-14:2009, Environmental testing – Part 2-14: Tests – Test N: Change of temperature IEC60068-2-30:2005, Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle) IEC61683:1999, Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
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: Test Report Number(s):	13 May, 2016 – 21 May, 2016 160429139GZU-001 issued on 30 May, 2016

Signature

Name: Grady Ye
Position: Asst. Manager
Date: 30 May, 2016



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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
160429139GZU-001 issued on 30 May, 2016. The issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Address: Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China).

Rating:	<p>Input voltage rang: 100-580 V (for Sofar 5000TLM, Sofar 4600TLM, Sofar 4000TLM, Sofar 3680TLM); 80-580 V (for Sofar 3000TLM)</p> <p>MPPT voltage range with full power output:175-520 V (for Sofar 5000TLM); 165-520 V (for Sofar 4600TLM, Sofar 4000TLM, Sofar 3680TLM); 160-520 V (for Sofar 3000TLM)</p> <p>Max. input current: 30 A (for Sofar 5000TLM, Sofar 4600TLM); 26 A (for Sofar 4000TLM); 24 A (for Sofar 3680TLM); 20 A (for Sofar 3000TLM)</p> <p>Nominal output voltage: 230 V</p> <p>Max. output current: 22 A (for Sofar 5000TLM); 20 A (for Sofar 4600TLM); 17.5 A (for Sofar 4000TLM); 16 A (for Sofar 3680TLM); 13 A (for Sofar 3000TLM)</p> <p>Nominal frequency: 50 Hz</p> <p>Max. output power: 5000 VA (for Sofar 5000TLM); 4600 VA (for Sofar 4600TLM); 4000 VA (for Sofar 4000TLM); 3680 VA (for Sofar 3680TLM); 3000 VA (for Sofar 3000TLM)</p> <p>Ingress protection: IP65</p> <p>Operating temperature range: -25~60°C</p>
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