

Certificate of Conformity

Certificate Number: 190430029GZU-001

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it ;

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 inverter
Ratings & Principle Characteristics:	See Annex to Test Certificate of Conformity
Models:	SOFAR 3.3KTL-X SOFAR 4.4KTL-X, SOFAR 5.5KTL-X, SOFAR 5KTL-X SOFAR 6.6KTL-X, SOFAR 8.8KTL-X, SOFAR 11KTL-X, SOFAR 12KTL-X
Relevant Standards	EN 50549-1: 2019, Requirements for generating plants to be connected in parallel with distribution networks Compliant with COMMISSION REGULATION (EU) 2016/631 (NC RfG).
Certificate 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:	10 April 2019 – 28 April 2019
Test Report Number(s):	190430029GZU-001
Additional information in Appendix.	



Signature

Name: Tommy Zhong
Position: Technical Manager
Date: 30 April 2019



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APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with Verification/Report Number(s): 190430029GZU-001. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

Maximum d.c. input voltage: 1000 Vdc
Input voltage range: 160-960 Vdc
MPPT voltage range (full Load): 160-850 V (for SOFAR 3.3KTL-X); 190-850 V (for SOFAR 4.4KTL-X); 240-850 V (for SOFAR 5KTL-X, SOFAR 5.5KTL-X); 290-850 V (for SOFAR 6.6KTL-X); 380-850 V (for SOFAR 8.8KTL-X); 480-850 V (for SOFAR 11KTL-X); 575-850 V (for SOFAR 12KTL-X);
Max. input current: 2×11 A
Nominal output voltage: 3/N/PE230V/400Vac
Max. output current: 3×4.8A (for SOFAR 3.3KTL-X); 3×6.4 A (for SOFAR 4.4KTL-X); 3×8.0 A (for SOFAR 5KTL-X, SOFAR 5.5KTL-X); 3×9.6 A (for SOFAR 6.6KTL-X); 3×12.8A (for SOFAR 8.8KTL-X); 3×15.9 A (for SOFAR 11KTL-X); 3×19.1 A (for SOFAR 12KTL-X);
Nominal frequency: 50 Hz
Max. output power: 3300VA (for SOFAR 3.3KTL-X); 4400VA (for SOFAR 4.4KTL-X); 5000VA (for SOFAR 5KTL-X); 5500VA (for SOFAR 5.5KTL-X); 6600VA (for SOFAR 6.6KTL-X); 8800VA (for SOFAR 8.8KTL-X); 11000VA (for SOFAR 11KTL-X); 13200VA (for SOFAR 12KTL-X)
Ingress protection: IP65
Operating temperature range: -25~+60°C
Software version: V1.00

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