

Certificate of Conformity

Certificate Number: 181112141GZU-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 certificate is part of the full test report<s> and should be read in conjunction with it ;

Applicant Name & Address:	Shenzhen SOFAR SOLAR Co., Ltd. 5/F, Building 4, Antongda Industrial Park, No.1 Liuxian Avenue. Xin'an Street, Bao'an District, Shenzhen City, Guangdong Province, P.R, China
Product Description:	Sofar Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models:	SOFAR 3000TL-Sx Series, SOFAR 3300TL-Sx Series, SOFAR 3600TL-Sx Series, SOFAR 4000TL-Sx Series
Relevant Standards	EN 50438: 2013, Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks Type approval for Poland and the default interface settings are applied for all CENELEC members that do not have specific settings and requirements.
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:	12 Nov., 2018 – 29 Nov., 2018
Test Report Number(s):	181112141GZU-001

Additional information in Appendix.



Signature

Name: Grady Ye
Position: Manager
Date: 07 Dec., 2018



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Certificate are relevant only to the sample tested/inspected. This Certificate by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with certificate/Report Number(s): 181112141GZU-001. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

DC input:

Maximum d.c. input voltage: 1000 V

Input voltage range: 250-960 V

MPPT voltage range: 480-800 V (for SOFAR 30000TL-Sx Series, SOFAR 33000TL-Sx Series); 500-800 V (for SOFAR 36000TL-Sx Series); 560-800 V (for SOFAR 40000TL-Sx Series)

Max. input current: 2×32 A (for SOFAR 30000TL-Sx Series); 2×35 A (for SOFAR 33000TL-Sx Series); 2×38 A (for SOFAR 36000TL-Sx Series); 2×35 A (for SOFAR 40000TL-Sx Series)

Max. PV Isc: 2×40 A

AC Output:

Nominal output voltage: 3/N/PE230V/400Vac (for SOFAR 30000TL-Sx Series, SOFAR 33000TL-Sx Series, SOFAR 36000TL-Sx Series); 3/PE/480Vac (for SOFAR 40000TL-Sx Series)

Max. output current: 3×43 A (for SOFAR 30000TL-Sx Series); 3×48A (for SOFAR 33000TL-Sx Series); 3×54A (for SOFAR 36000TL-Sx Series); 3×48 A (for SOFAR 40000TL-Sx Series)

Nominal frequency: 50 Hz

Max. output power: 30000 VA (for SOFAR 30000TL-Sx Series); 33000 VA (for SOFAR 33000TL-Sx Series); 36000 VA (for SOFAR 36000TL-Sx Series); 40000 VA (for SOFAR 40000TL-Sx Series)

Ingress protection: IP65

Operating temperature range: -25 ~ +60°C

Software version : V 1.00