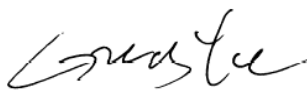


Certificate of Conformity

Certificate Number: 180807100GZU-003

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. 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, China
Product Description:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models:	SOFAR 20000TL-G2, SOFAR 25000TL-G2, SOFAR 30000TL-G2, SOFAR 33000TL-G2
Relevant Standards	EN 50438: 2013, Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks Type approval for Greece.
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:	07 Aug 2018 to 10 Jan 2019
Test Report Number(s):	180807100GZU-003
Additional information in Appendix.	



Signature

Name: Grady Ye
Position: Manager
Date: 18 Jan 2019

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): 180807100GZU-003. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

Model	SOFAR 20000TL- G2	SOFAR 25000TL- G2	SOFAR 30000TL- G2	SOFAR 33000TL-G2
Max. DC input Voltage	1100Vdc			
Operating MPPT voltage range	230Vdc – 960Vdc			
Max. Input current	24A/24A	28A/28A	30A/30A	30A/30A
PV Isc	30A*2	35A*2	37.5A*2	37.5A*2
Nominal AC output voltage	3/N/PE 230Vac/400Vac			
Nominal AC output Frequency	50Hz			
Nominal AC output Power	20000W	25000W	30000W	33000W
Max.Output Power	22000VA	27500VA	33000VA	36300VA
Power factor	0.8 Leading – 0.8 Lagging			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-25°C - 60°C			
Software version	V1.40			

* με *dc-injection* <0,5% η_{οσ} IAC_{nom} (ονομαζητικό εναλλαζόμενο ρεύμα)
 49,5 Hz < f < 50,5 Hz (ηπειρωτικές περιοχές)
 47,5 Hz < f < 51 Hz (νησιωτικές περιοχές)
 Χρόνος αποζύνδεσης < 500 ms
 Χρόνος επαναζύνδεσης > 180 s

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