

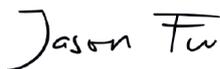
Test Verification of Conformity

Verification Number: 230109020GZU- VOC001

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 <them>.

Applicant Name & Address:	Shenzhen SOFARSOLAR Co., Ltd. 11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China
Product Description:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix: Test Verification of Conformity
Models/Type References:	ESI 3K-S1, ESI 3.68K-S1
Brand Names:	
Specification<s>/Standards:	G98/NI Issue 1 April 2019 Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage Distribution Networks
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	10 Jan 2023 – 22 Feb 2023
Test Report Number(s):	230109020GZU-001

Additional information in Appendix.



Signature

Name: Jason Fu
Position: Supervisor
Date: 06 March 2023

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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 Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230109020GZU-VOC001

Ratings & Principle Characteristics:

MODEL	ESI 3K-S1	ESI 3.68K-S1
Max.DC input voltage	550Vdc	
MPPT voltage range	85~520Vdc	
Max.PV Isc	2*22.5A	
Rated battery voltage	400V	
Max.charging/discharging current	20A	
Max.charging/discharging power	3000W	3680W
Rated grid voltage	230V,50Hz	
Rated output voltage	230V,50/60Hz	
Max.output current	15A	16A
Power Factor	1 default (adjustable+/-0.8)	
Rated output power	3000W	3680W
Backup Rated Current	13A	16A
Backup Rated Apparent Power	3000VA	3680VA
Ambient Temperature	-10~ +50°C	
Protection Degree	IP65	
Protection Class	Class I	
Inverter topology	Non-Isolated	
Oversvoltage Category	AC III, DC II	
Firmware version:	V000001	

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 06 March 2023

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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 Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.