

Certificate of Conformity

Certificate Number: 19114153GZU-002

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 SOFARSOLAR Co., Ltd. 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, China
Product Description:	Hybrid inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models:	HYD 4000-ES, HYD 5000-ES, HYD 6000-ES
Relevant Standards	ER G99, issue 1 Amendment 3 16 May 2018 Requirements for the connection of generation equipment in parallel with public distribution networks Type approval for Type A
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:	14 Jan 2019 – 28 Mar 2019
Test Report Number(s):	190114153GZU-002

Additional information in Appendix.



Signature

Name: Tommy Zhong
Position: Technical Manager
Date: 19 April 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): 190114153GZU-002; The issuing office is Intertek Legal Entity as above.

Ratings and
principal
characteristics

Max. DC Input Voltage: 600Vdc
Operating MPPT Voltage Range: 90Vdc – 580Vdc
Max. PV Isc: 2 X 15A
Battery Type: Lead-acid, Lithium-ion
Battery Voltage Range: 42-58V
Max. Charging Current: 65A
Max. Discharging Current: 70A
Max. Charging & Discharging Power: 3000VA
Nominal Grid voltage: 230Vac
Nominal Output Voltage (backup): 230Vac
Max. output current: 18.2A (for HYD 4000-ES), 22.8A (for HYD 5000-ES),
27.3A (for HYD 6000-ES),
Nominal Grid Frequency: 50Hz
Power Factor: 1 (adjustable +/-0.8)
Nominal output power: 4000VA (for HYD 4000-ES), 5000VA (for HYD 5000-ES), 6000VA
(for HYD 6000-ES),
Backup Rated current: 13.2A
Backup Rated Apparent Power: 3000VA
Ingress Protection: IP 65
Protective Class: I
Operating temperature range: -25 — +60°C
Software Version: V1.00

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