

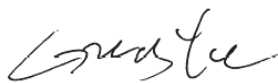
Certificate of Conformity

Certificate Number: 180903078GZU-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 SOFAR SOLAR Co., Ltd. 5/F, Building 4, Antongda Industrial Park, No.1 Liuxian Avenue. Xin'an Street , Bao'an District, Shenzhen, P.R, China
Product Description:	Hybrid Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models:	HYD 3000-ES, HYD 3600-ES
Relevant Standards	G83 Issue 2 Amendment 1 : July 2018 Recommendations For The Connection Of Type Tested Small-Scale Embedded Generators (Up To 16A Per Phase) In Parallel With Low-Voltage Distribution Systems
Certificate Issuing Office:	Same as Intertek Legal Entity
Date of Tests:	03 Sep 2018 – 07 Sep 2018
Test Report Number(s):	180903078GZU-002

Additional information in Appendix.



Signature

Name: Grady Ye
Position: Manager
Issuing Office: Intertek Legal Entity: Intertek
Testing Services Shenzhen Ltd.
Guangzhou Branch
Date: 11 Sep 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): 180903078GZU-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: 13.7A (for HYD 3000-ES), 16.0A (for HYD 3600-ES),
Nominal Grid Frequency: 50Hz
Power Factor: 1 (adjustable +/-0.8)
Nominal output power: 3000VA (for HYD 3000-ES), 3680VA (for HYD 3600-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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