

# Test Verification of Conformity

Verification Number: 190114153GZU-VOC002

On the basis of the tests undertaken, the samples 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 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:	Hybrid Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	HYD 4000-ES, HYD 5000-ES, HYD 6000-ES
Brand Names:	SOFAR SOLAR
Specification<s>/Standards:	G99 Issue 1 Amendment 4 June 2019 Requirements for the connection of generation equipment in parallel with public distribution networks Type approval for Type A
Verification Issuing Office Name & Address:	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:	28 Aug 2019
Test Report Number(s):	190114153GZU-002, Revision 1:29 Aug 2019

Additional information in Appendix.



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**Signature**

**Name: Tommy Zhong**

**Position: Technical Manager**

**Date: 29 August 2019**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190114153GZU-VOC002.

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



**Signature**

**Name: Tommy Zhong**

**Position: Technical Manager**

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