


Test Verification of Conformity

Verification Number: 210811019GZU-VOC002

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 SOFAR SOLAR Co., Ltd. 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, China
Product Description:	Hybrid Inverter
Models/Type References:	HYD 5KTL-3PH, HYD 6KTL-3PH, HYD 8KTL-3PH, HYD 10KTL-3PH HYD 10KTL-3PH-A, HYD 15KTL-3PH, HYD 20KTL-3PH
Ratings & Principle Characteristics:	See Appendix
Brand Name<s>:	
Specification<s>/Standard<s>	IEC 61000-6-3:2006+A1:2010 IEC 61000-6-2:2005
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:	-
Test Report Number<s>:	210811019GZU-001

Additional information in Appendix.



Signature

Name: Sky Zhu

Position: Team Leader

Date: 01 September 2021

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: 210811019GZU-VOC002

Model	HYD 5KTL-3PH	HYD 6KTL-3PH	HYD 8KTL-3PH	HYD 10KTL-3PH HYD 10KTL-3PH-A	HYD 15KTL-3PH	HYD 20KTL-3PH
Specifications						
Input data (PV)						
Max. DC voltage	1000V					
MPP voltage range	180~960V					
No. of MPP trackers	2					
Max. input current per MPP trackers	12.5/12.5A			25/25A		
Max. short-circuit current per MPP trackers	15A/15A			25A/25A		
Output data(/Input data (AC))						
Nominal AC output power	5000W	6000W	8000W	10000W	15000W	20000W
Max. AC apparent power	5500VA /10000VA	6600VA/12000VA	8800VA/16000VA	10000VA (for HYD 10KTL-3PH-A);11000VA (for HYD 10KTL-3PH) / 20000VA	16500VA/30000VA	22000VA/40000VA
Nominal AC voltage	3W+N+PE, 230V/400V;					
AC grid frequency	50Hz;					
Max. current	8A/15A	10A/17A	13A/24A	16A/29A	24A/44A	32A/58A
Power factor	1(adjustable +/-0.8)					

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: 210811019GZU-VOC002

Max. AC apparent power	5500VA	6600VA	8800VA	11000VA	16500VA	22000 VA
Nominal AC voltage	3W+N+PE , 220/380, 230V/400V;					
Nominal AC frequency	50/60Hz					
Max. output current	8.0A	10A	13A	16A	24A	32A
Battery data (DC)						
Battery voltage range	180~800V					
Max. charging / discharging current	25A/25A					
Type of battery	lithium battery					
Others						
Technology	Transformerless					
Protection degree	IP 65					
Operating temperature range	-25 °C ~ +60 °C With derating above 45 °C					
Pollution degree	II					
Protective Class	Class I					
Software Version	V1.0					



Signature

Name: Sky Zhu

Position: Team Leader

Date: 01 September 2021

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.