

Certificate of Conformity

Certificate Number: CN-PV-210152

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications /standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

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/Type References:	HYD 5KTL-3PH, HYD 6KTL-3PH, HYD 8KTL-3PH, HYD 10KTL-3PH HYD 15KTL-3PH, HYD 20KTL-3PH
Brand Name:	
Specification/Standard:	TOR Erzeuger Typ A Version 1.1:12.12.2019 OVE-Richtlinie R 25:2020-03-01 Connection and parallel operation of power generation plants of type A and of small generation plants (maximum capacity <250 kW and nominal voltage <110 kV)
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Report Number:	210526211GZU-003

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 11 June 2021

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210152

Model	HYD 5KTL-3PH	HYD 6KTL-3PH	HYD 8KTL-3PH	HYD 10KTL-3PH	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			30A/30A		
Output data/(Input data (AC))						
Max. AC apparent power	5500VA /10000VA	6600VA/ 12000VA	8800VA/ 16000VA	11000VA/ 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)					
Stand alone(AC power)						
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/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					

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.