

# Certificate of Conformity

Certificate Number: CN-PV-210188

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 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 5KTL-3PH, HYD 6KTL-3PH, HYD 8KTL-3PH, HYD 10KTL-3PH HYD 10KTL-3PH-A, HYD 15KTL-3PH, HYD 20KTL-3PH
Brand Name:	
Specification/Standard:	C10/11: ed.2.1, 01 Sep 2019 SPECIFIC TECHNICAL PRESCRIPTIONS REGARDING POWER-GENERATING PLANTS OPERATING IN PARALLEL TO THE DISTRIBUTION NETWORK
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:	210811017GZU-001
Additional information in Appendix.	



**Signature**

**Certification Manager: Grady Ye**

**Date: 17 August 2021**

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210188

Model Specifications	HYD 5KTL-3PH	HYD 6KTL-3PH	HYD 8KTL-3PH	HYD 10KTL-3PH HYD 10KTL-3PH-A	HYD 15KTL-3PH	HYD 20KTL-3PH
<b>Input data (PV)</b>						
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		
<b>Output data(/Input data (AC))</b>						
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)					

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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					
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					

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