

## Certificate of Conformity

## Certificate Number: CN-PV-190085

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:	Solar Grid-tied Inverter			
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity			
Models/Type References:	SOFAR 1100TL-G3, SOFAR 1600TL-G3, SOFAR 2200TL-G3			
	SOFAR 2700TL-G3, SOFAR 3000TL-G3, SOFAR 3300TL-G3			
	301 AK 2700 TE 03, 301 AK 3000 TE 03, 301 AK 3300 TE 03			
Brand Name:	SOFAR SOLAR			
Specification/Standard:	G98 Issue 1 Amendment 4 June 2019			
	Requirements for the connection of Fully Type Tested Micro-generators (up to			
	and including 16 A per phase) in parallel with public Low Voltage Distribution			
	Networks			
Certificate Issuing Office Name	Intertek Testing Services Ltd. Shanghai			
& Address:	2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area,			
	Shanghai, P. R. China			
Test Report Number:	190411083GZU-001			
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Additional information in Annend				

Additional information in Appendix.

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Signature

Certification Manager: Grady Ye Date: 12 December 2019

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.



## **APPENDIX: Certificate of Conformity**

This is an Appendix to Certificate of Conformity Number: CN-PV-190085.								
Ratings & Principle Characteristics:	Model	SOFAR 1100TL- G3	SOFAR 1600TL- G3	SOFAR 2200TL- G3				
	Max.PV voltage [Vdc]	500						
	PV voltage range [Vdc]	50-500						
	PV lsc [A]	15						
	Max.input current [A]	12						
	Max.output power [W]	1100	1600	2200				
	Max.apparent power [VA]	1100	1600	2200				
	Nominal output voltage [Vac]	230						
	Max.output current [A]	5.3	7.7	10.6				
	Nominal output Frequency	50Hz						
	Power factor range	0.8Leading – 0.8 lagging						
	Safety level	Class I						
	Ingress Protection	IP 65						
	Operation Ambient Temperature	-30°C - +60°C						
	Software version	V 2.00						

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## **APPENDIX: Certificate of Conformity**

	Model	SOFAR 2700TL-	SOFAR 3000TL-	SOFAR 3300TL-	
Ratings & Principle Characteristics:		G3	G3	G3	
	Max.PV voltage [Vdc]	550			
	PV voltage range [Vdc]	50-550			
	PV Isc [A]	15			
	Max.input current [A]	12			
	Max.output power [W]	2700	3000	3300	
	Max.apparent power [VA]	2700	3000	3300	
	Nominal output voltage [Vac]	230			
	Max.output current [A]	13	14.5	16	
	Nominal output Frequency	50Hz			
	Power factor range	0.8Leading – 0.8 lagging			
	Safety level	Class I			
	Ingress Protection	IP 65			
	Operation Ambient Temperature	-25℃ - +60℃			
	Software version	V 2.00			

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