

Certificate of Conformity

Certificate Number: CN-PV-200048

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	
Brand Name:	SOFAR SOLAR	
Specification/Standard:	EN 50549-1: 2019, Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including Type B Compliant with COMMISSION REGULATION (EU) 2016/631 (NC RfG) Type approval for type A and Ireland interface settings	
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China	
Test Report Number:	200603118GZU-001	
Additional information in Append	lix.	

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Signature

Name: Grady Ye Date: 05 June 2020

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APPENDIX: Certificate of Conformity

This is an Appendix to	Certificate of Confor	mity Number: CN-PV-200048

e of Conformity Numbe	er: CN-PV-200048		
Model	SOFAR 1100TL- G3	SOFAR 1600TL- G3	SOFAR 2200TL- G3
Max.PV voltage	500 d.c.V		
PV voltage range	50-500 d.c.V		
PV lsc	15 d.c.A		
Max.input current	12 d.c.A		
Max.output power	1100W	1600W	2200W
Max.apparent power	1100VA	1600VA	2200VA
Nominal output voltage		230 a.c.V	
Max.output current	5.3 a.c.A	7.7 a.c.A	10.6 a.c.A
Nominal output Frequency	1	50Hz	1
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	V1.00		
	Model Max.PV voltage PV voltage range PV lsc Max.input current Max.output power Max.apparent power Max.apparent power Max.output voltage Max.output current Nominal output Frequency Power factor range Safety level Ingress Protection Operation Ambient Temperature	G3Max.PV voltagePV voltage rangePV lscMax.input currentMax.output powerMax.apparent power1100WAMax.apparent powerNominal output voltageMax.output currentSafety levelIngress ProtectionOperation Ambient Temperature	ModelSOFAR 1100TL- G3SOFAR 1600TL- G3Max.PV voltage500 d.c.VPV voltage range50-500 d.c.VPV lsc15 d.c.AMax.input current12 d.c.AMax.output power1100W1600WMax.apparent power1100VANominal output voltage230 a.c.VMax.output power5.3 a.c.A7.7 a.c.ANominal output requency50HzPower factor range0.8Leading – 0.8 laggiSafety levelClass IIngress ProtectionIP 65Operation Ambient Temperature-30°C - +60°C

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformit	v Number: CN-PV-200048
This is an Appendix to certificate of comornine	y 1401115C1. CIV I V 200040

Ratings & Principle Characteristics:ModelSOFAR 2700TL- G3SOFAR 3000TL- G3SOFAR 3300TL- G3Max.PV voltage550 d.c.VPV voltage range50-550 d.c.VPV lsc15 d.c.AMax.output power2700W3000WMax.output power2700VA3000VAMax.output voltage2700VA3000VAMax.output power2700VA3000VANominal output voltage230 a.c.VMax.output current13.0 a.c.A14.5 a.c.ANominal output requency50HzPower factor range0.8Leading – 0.8 laggingSafety levelClass IIngress Protection Ambient TemperatureIP 65Operation Ambient TemperatureV1.00	This is an Appendix to Certificate of Conformity Number: CN-PV-200048						
PV voltage range50-550 d.c.VPV lsc15 d.c.AMax.input current12 d.c.AMax.output power2700W3000WMax.apparent power2700VA3000VAMax.output voltage2700VA3000VANominal output voltage230 a.c.VMax.output current13.0 a.c.A14.5 a.c.ANominal output requency50HzPower factor range0.8Leading - 0.8 laggingSafety levelClass IIngress ProtectionIP 65Operation Ambient Temperature-25°C - +60°C		Model					
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Max.input current12 d.c.AMax.output power2700W3000W3300WMax.apparent power2700VA3000VA3300VANominal output voltage230 a.c.V3000VA3300VAMax.output current13.0 a.c.A14.5 a.c.A16.0 a.c.ANominal output requency50Hz50HzPower factor range0.8Leading – 0.8 laggingSafety levelClass IIngress ProtectionIP 65Operation Ambient Temperature-25°C - +60°C		PV voltage range	50-550 d.c.V				
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power2700VA3000VA3300VANominal output voltage230 a.c.VMax.output current13.0 a.c.A14.5 a.c.A16.0 a.c.ANominal output Frequency50HzPower factor range0.8Leading – 0.8 laggingSafety levelClass IIngress ProtectionIP 65Operation Ambient Temperature-25°C - +60°C		•	2700W	3000W	3300W		
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current13.0 a.C.A14.5 a.C.A16.0 a.C.ANominal output Frequency50HzPower factor range0.8Leading – 0.8 laggingSafety levelClass IIngress ProtectionIP 65Operation Ambient Temperature-25°C - +60°C				230 a.c.V			
FrequencySUHZPower factor range0.8Leading – 0.8 laggingSafety levelClass IIngress ProtectionIP 65Operation Ambient Temperature-25°C - +60°C		•	13.0 a.c.A	14.5 a.c.A	16.0 a.c.A		
range0.8Leading - 0.8 laggingSafety levelClass IIngressIP 65ProtectionIP 65Operation Ambient Temperature-25°C - +60°C			50Hz				
IngressIP 65ProtectionOperationAmbient-25°C - +60°CTemperatureIP 65			0.8Leading – 0.8 lagging				
Protection Operation Ambient Temperature		Safety level	Class I				
Ambient -25°C - +60°C Temperature		-	IP 65				
Software version V 1.00		Ambient	-25℃ - +60℃				
		Software version	V 1.00				

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