

Certificate of Conformity

Certificate Number: CN-PV-230470

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. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Shenzhen SOFARSOLAR Co., Ltd. 11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China
Product:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SOFAR 40KTLX-G4-LV, SOFAR 50KTLX-G4-LV, SOFAR 60KTLX-G4-LV, SOFAR 75KTLX-G4-LV
Brand Name<s>:	
Product Complies with:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230621178GZU-004, 230621178GZU-005

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 08 Aug. 2023



PRD N° 306B

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-230470

Model	SOFAR 40KTLX-G4-LV	SOFAR 50KTLX-G4-LV	SOFAR 60KTLX-G4-LV	SOFAR 75KTLX-G4-LV
Max. DC input voltage	900Vd.c.			
MPP Voltage Range	180-800Vd.c.			
Max. Input current	6*40A		8*40A	
Max. PV Isc	6*50A		8*50A	
Nominal Grid voltage	3/N/PE, 127/220Va.c.			
Max. Output Current	115.5A	144.4A	173.3A	196.6A
Nominal Grid frequency	50/60Hz			
Rated output Power	40000W	50000W	60000W	75000W
Max. Apparent power	44000VA	55000VA	66000VA	75000VA
Power Factor	1(adjustable +/-0.8)			
Ingress Protection	IP66			
Protective Class	Class I			
Software version	V000001			
Operation Ambient Temperature	-30°C - 60°C			

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