


Certificate of Conformity

Certificate Number: CN-PV-210279

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: Ratings & Principle Characteristics:	Solar Grid-tied Inverter See Annex to Certificate of Conformity
Models/Type References:	SOFAR 25KTLX-G3, SOFAR 30KTLX-G3, SOFAR 30KTLX-G3-A SOFAR 33KTLX-G3, SOFAR 36KTLX-G3, SOFAR 40KTLX-G3, SOFAR 45KTLX-G3, SOFAR 50KTLX-G3, SOFAR 40KTLX-G3-HV SOFAR 50KTLX-G3-HV
Brand Name:	
Specification/Standard:	EN 50549-1: February 2019 Type approval for type A and B with deviations according to Technical requirements for connection of power-generating plants to the low-voltage grid ($\leq 1\text{KV}$) Type A and B Version 1.2:2019
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 Accredited by China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
Test Report Number:	210819145GZU-003
Certification procedure:	SMS-PV-OP-19
Product certification scheme type:	Type test
Additional information in Appendix.	



Signature

Certification Manager: Grady Ye
Date: 18 November 2021



中国认可
国际互认
产品
PRODUCT
CNAS C058-P

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210279

Model	SOFAR 25KTLX-G3	SOFAR 30KTLX-G3	SOFAR 30KTLX-G3-A
Max. DC input Voltage	1100Vdc		
Operating MPPT voltage range	180Vdc – 1000Vdc		
Max. Input current	40A*3		
PV Isc	50A*3		
Nominal AC output voltage	3/N/PE 230Vac/400Vac		
Nominal AC output Frequency	50Hz		
Max. AC output current	42.4A	51.5A	45.3A
Nominal Output power	25000W	30000W	29900W
Max. Output Power	28000VA	34000VA	29900VA
Power factor	1(adjustable +/-0.8)		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-30°C - 60°C		
Software version	V000001		

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Model	SOFAR 33KTLX-G3	SOFAR 36KTLX-G3	SOFAR 40KTLX-G3
Max. DC input Voltage	1100Vdc		
Operating MPPT voltage range	180Vdc – 1000Vdc		
Max. Input current	40A*3		40A*4
PV Isc	50A*3		50A*4
Nominal AC output voltage	3/N/PE 230Vac/400Vac		
Nominal AC output Frequency	50Hz		
Max. AC output current	56A	60.6A	66.7A
Nominal Output power	33000W	36000W	40000W
Max. Output Power	37000VA	40000VA	44000VA
Power factor	1(adjustable +/-0.8)		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-30°C - 60°C		
Software version	V000001		

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Model	SOFAR 45KTLX-G3	SOFAR 50KTLX-G3	SOFAR 40KTLX-G3-HV	SOFAR 50KTLX-G3-HV
Max. DC input Voltage	1100Vdc			
Operating MPPT voltage range	180Vdc – 1000Vdc			
Max. Input current	40A*4		40A*3	40A*4
PV Isc	50A*4		50A*3	50A*4
Nominal AC output voltage	3/N/PE 230Vac/400Vac		3/N/PE 277Vac/480Vac	
Nominal AC output Frequency	50Hz			
Max. AC output current	75.8A	83.3A	53.0A	66.2A
Nominal Output power	45000W	50000W	40000W	50000W
Max. Output Power	50000VA	55000VA	44000VA	55000VA
Power factor	1 (adjustable +/-0.8)			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-30°C - 60°C			
Software version	V000001			

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