

Certificate of Conformity

Certificate Number: CN-PV-230671

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 15KTLX-G3P, SOFAR 17KTLX-G3P, SOFAR 20KTLX-G3P, SOFAR 20KTLX2-G3P, SOFAR 23KTLX-G3P, SOFAR 25KTLX-G3P, SOFAR 30KTLX-G3P |
| Brand Name<s>: |  |
| Product Complies with: | Refer to IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC60068-2-14:2009, IEC60068-2-30:2005, IEC61683:1999 |
| 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>: | 230920219GZU-001, 21 Nov 2023 |

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 27 Nov. 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-230671

| Model | SOFAR 15KTLX- G3P | SOFAR 17KTLX- G3P | SOFAR 20KTLX- G3P | SOFAR 20KTLX2- G3P | SOFAR 23KTLX- G3P | SOFAR 25KTLX- G3P | SOFAR 30KTLX- G3P |
|-------------------------------|---------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| Max. input Voltage | 1100 Vdc | | | | | | |
| MPPT voltage range | 160 Vdc – 1000 Vdc | | | | | | |
| Max. Input current | 20A/32A | | | 40A/32A | | | 40A/40A |
| PV Isc | 25A/40A | | | 50A/40A | | | 50A/50A |
| Rated AC output voltage | 3/N/PE, 230/400Vac | | | | | | |
| Rated output Frequency | 50/60 Hz | | | | | | |
| Max. AC output current | 25.1 A | 28.5 A | 33.5 A | 38.5 A | 41.8 A | 50.2 A | |
| Rated Output power | 15000 W | 17000 W | 20000 W | 23000 W | 25000 W | 30000 W | |
| Max. apparent Power | 16500 VA | 18700 VA | 22000 VA | 25300 VA | 27500 VA | 33000 VA | |
| Power factor | 0.8 leading – 0.8 lagging | | | | | | |
| Safety level | Class I | | | | | | |
| Ingress Protection | IP 66 | | | | | | |
| Operation Ambient Temperature | -30°C - 60°C | | | | | | |

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.