

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

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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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