

Certificate of Conformity

Certificate Number: CN-PV-230483

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.

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| 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 255KTL-HV, SOFAR 250KTL-HV, SOFAR 255KTL-HV-TRO, SOFAR 250KTL-HV-PRO |
| Brand Name<s>: |  |
| Product Complies with: | RPP Version 3.1: January 2022 GRID CONNECTION CODE FOR RENEWABLE POWER PLANTS (RPPs) CONNECTED TO THE ELECTRICITY TRANSMISSION SYSTEM (TS) OR THE DISTRIBUTION SYSTEM (DS) IN SOUTH AFRICA (Exclude simulation and Communication agreement test) |
| 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 |
| Test Report No.<s>: | 230508177GZU-002 |

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 22 August 2023

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230483.

| Model | SOFAR 255KTL-HV | SOFAR 250KTL-HV | SOFAR 255KTL-HV-TRO | SOFAR 250KTL-HV-PRO |
|------------------------------|----------------------|-----------------|---------------------|---------------------|
| Max.DC Input Voltage | 1500Vdc | | | |
| Operating MPPT Voltage Range | 500Vdc – 1500Vdc | | | |
| Max. Input Current | 30A*12 | | | 100A*4 |
| Max. PV Isc | 50A*12 | | | 150A*4 |
| Rated Grid Voltage | 3/PE, 800Vac | | | |
| Max. Output Current | 184A | 180.5A | 184A | 180.5A |
| Rated Grid Frequency | 50Hz | | | |
| Rated Output Power | 255KW | 250KW | 220KW | 250KW |
| Max. Output Power | 255KVA | 250KVA | 255KVA | 250KVA |
| Power Factor | 1(adjustable +/-0.8) | | | |
| Ingress Protection | IP 66 | | | |
| Operation Temperature Range | -30°C - +60°C | | | |
| Protective Class | Class I | | | |
| Software Version | V000001 | | | |

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