

Certificate of Conformity

Certificate Number: CN-PV-220117R1

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.

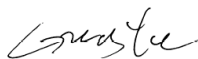
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|---|---|
| Applicant: | Shenzhen SOFARSOLAR Co., Ltd. 11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China |
| Product: | Inverter Module |
| Ratings & Principle Characteristics: | See appendix of Certificate of Conformity |
| Model: | ESI 3K-S1, ESI 3.68K-S1, ESI 4K-S1, ESI 4.6K-S1, ESI 5K-S1, ESI 5K-S1-A, ESI 6K-S1 |
| Brand Name<s>: |  |
| Product Complies with: | G99 Issue 1 Amendment 8, 1 September 2021 Requirements for the connection of generation equipment in parallel with public distribution networks |
| 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 China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012 |
| Test Report No.<s>: | 220725018GZU-001 |

Replaces certificate CN-PV-220117 dated 13 June 2022

Certification procedure: SMS-PV-OP-19

Product certification scheme type: Type test

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 29 July 2022



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PRODUCT
CNAS C058-P

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220117R1.

| MODEL | ESI 3K-S1 | ESI 3.68K-S1 | ESI 4K-S1 | ESI 4.6K-S1 | ESI 5K-S1 | ESI 5K-S1-A | ESI 6K-S1 |
|----------------------------------|------------------------------|-----------------|--------------|----------------|--------------|----------------|--------------|
| Max.DC input voltage | 550Vdc | | | | | | |
| MPPT voltage range | 85~520Vdc | | | | | | |
| Max.PV Isc | 2*22.5A | | | | | | |
| Rated battery voltage | 400V | | | | | | |
| Max.charging/discharging current | 20A | | | | | | |
| Max.charging/discharging power | 3000W | 3680W | 4000W | 4600W | 5000W | 5000W | 6000W |
| Rated grid voltage | 230V,50Hz | | | | | | |
| Rated output voltage | 230V,50/60Hz | | | | | | |
| Max.output current | 15A | 16A | 20A | 20.9A | 25A | 22.7A | 30A |
| Power Factor | 1 default (adjustable+/-0.8) | | | | | | |
| Rated output power | 3000W | 3680W | 4000W | 4600W | 5000W | 5000W | 6000W |
| Backup Rated Current | 13A | 16A | 17.4A | 20A | 21.7A | 22.7A | 26A |
| Backup Rated Apparent Power | 3000VA | 3680VA | 4000VA | 4600VA | 5000VA | 5000VA | 6000VA |
| Ambient Temperature | -10~ +50°C | | | | | | |
| Protection Degree | IP65 | | | | | | |
| Protection Class | Class I | | | | | | |
| Inverter topology | Non-Isolated | | | | | | |
| Overvoltage Category | AC III, DC II | | | | | | |
| Firmware version: | V000001 | | | | | | |

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