

Certificate of Conformity

Certificate Number: CN-PV-230651

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: | NINGBO AUSTA SOLAR TECH CO., LTD. 1-1, NO.136, Haichuan Road, Jiangbei District, Ningbo, Zhejiang, P.R.China |
| Product: | Grid Tie Solar Inverter |
| Ratings & Principle Characteristics: | See appendix of Certificate of Conformity |
| Model: | AU50K3P, AU60K3P, AU70K3P-HV, AU75K3P-HV |
| Brand Name<s>: |  |
| Product Complies with: | IEC 62116 :2014 |
| 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>: | 231000759SHA-001 |

Additional information in Appendix.



Signature

Certification Manager: Qiao Qiao
Date: 22 November 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230651

Ratings & Principle Characteristics:

| Specifications table | | | | |
|-------------------------------------|--|---------|------------|------------|
| Model | AU50K3P | AU60K3P | AU70K3P-HV | AU75K3P-HV |
| PV input | | | | |
| Vmax PV (Vdc) (absolute Max.) | 1100 | | | |
| Isc PV (absolute Max.) (A) | 3*56A | 3*56A | 3*56A | 3*56A |
| Max. PV input current / strings (A) | 3*45 | 3*45 | 3*45 | 3*45 |
| Number MPP trackers | 3 | 3 | 3 | 3 |
| Number input strings | 4/4/4 | 4/4/4 | 4/4/4 | 4/4/4 |
| PV Input voltage range (Vdc) | 250~1100 | | | |
| MPPT Range (Vdc) | 250~1000 | | | |
| Vdc range @ full power (Vdc) | 500V~850 | | 630V~850 | |
| AC Grid (output) | | | | |
| Normal AC Voltage (VAC) | 400 | | 500 | |
| Frequency (Hz) | 50 | | | |
| Max. cont. output current (A) | 80 | 96 | 89 | 95 |
| Max. cont. output Power (kW) | 55 | 66 | 77 | 82.5 |
| Max. cont. Apparent Power (kVA) | 55 | 66 | 77 | 82.5 |
| Power factor(adjustable) | 1.0(-0.8~ +0.8) | | | |
| Others | | | | |
| Ingress protection (IP) | IP66 | | | |
| Protective class | Class I | | | |
| Temperature (°C) | -25°C to +60°C (Derating 45°C) | | | |
| Inverter Isolation | <input checked="" type="checkbox"/> Non-isolated <input type="checkbox"/> High frequency isolated(Battery Side) | | | |
| Overvoltage category | OVC III (AC Main), OVC II (PV) | | | |
| Dimensions, D*W*H (mm) | 282mm*681mm*660mm | | | |
| Weight (kg) | 47kg | 47kg | 47kg | 47kg |

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