


Certificate of Conformity

Certificate Number: CN-PVES-250111

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 AUX Solar Technology Co., Ltd. No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, China |
| Product: | Three phase on grid solar inverter |
| Ratings & Principle Characteristics: | See appendix of Certificate of Conformity |
| Model: | ASN-90TL-PLUS, ASN-100TL-PLUS, ASN-110TL-PLUS |
| Brand Name<s>: | AUXSOL |
| 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>: | 250217013GZU -003, 25 Feb 2025 250217013GZU -004, 25 Feb 2025 |

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 05 March 2025



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-PVES-250111

| Model | ASN-90TL-PLUS | ASN-100TL-PLUS | ASN-110TL-PLUS |
|----------------------------|---|----------------|----------------|
| PV Input | | | |
| Max. input voltage | 1100V | | |
| MPPT voltage range | 180-1000V | | |
| Max. input current | 8 x 40A | | |
| Max. short circuit current | 8 x 50A | | |
| Output AC (Grid side) | | | |
| Rated output power | 90kW | 100kW | 110kW |
| Max. apparent output power | 99kVA | 110kVA | 121kVA |
| Rated grid voltage | 3/N/PE, 220/380Vac, 230/400Vac | | |
| Rated grid frequency | 50Hz/60Hz | | |
| Max. output current | 143A | 158.8A | 174.6A |
| Power factor | >0.99 default (0.8 leading...0.8 lagging) | | |
| Ambient temperature range | -30...+60°C | | |
| Degree of protection | IP66 | | |
| Protective Class | Class I | | |
| Software Version | DSP: D2301; ARM: A2301 | | |

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.