

Certificate of Conformity

Certificate Number: CN-PV-240013

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:	EN IEC 61000-6-2: 2019 EN IEC 61000-6-4: 2019 EN IEC 61000-3-11:2019 EN 61000-3-12:2011
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
Test Report No.<s>:	2312A1055SHA-001

Additional information in Appendix.



Signature

Certification Manager: Qiao Qiao

Date: 19 January 2024

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-240013

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

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.