

Certificate of Conformity

Certificate Number: CN-PV-230648

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 62109-1:2010, EN 62109-1:2010, IEC 62109-2:2011, EN 62109-2:2011
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 Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	231000756SHA-001, 231000756SHA-002

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-230648

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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