


Certificate of Conformity

Certificate Number: CN-PV-240004R1

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:	AU6K3P, AU8K3P, AU10K3P, AU12K3P, AU15K3P, AU17K3P, AU20K3P, AU22K3P, AU23K3P, AU25K3P, AU28K3P
Brand Name<s>:	
Product Complies with:	EN 50549-1:2019 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 ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2312A1052SHA-001: 2024-01-02 2312A1052SHA-001 Amendment 1: 2024-01-22

Additional information in Appendix.

Replaces certificate CN-PV-240004 dated 04 January 2024

Signature



Certification Manager: Qiao Qiao
Date: 30 January 2024



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-PV-240004R1

Ratings & Principle Characteristics:

Specifications table				
Model	AU6K3P	AU8K3P	AU10K3P	AU12K3P
PV input				
Vmax PV (Vdc) (absolute Max.)	1100			
Isc PV (absolute Max.) (A)	2*23	2*23	2*23	2*23
Max. PV input current / strings (A)	2*18	2*18	2*18	2*18
Number MPP trackers	1/1	1/1	1/1	1/1
Number input strings	2	2	2	2
MPPT Range (Vdc)	180~1000			
Vdc range @ full power (Vdc)	350~850			
AC Grid (output)				
Normal AC Voltage (VAC)	3φ/N/PE 400Vac			
Frequency (Hz)	50			
Max. cont. output current (A)	10	13.3	16.7	20
Max. cont. output Power (kW)	6.6	8.8	11	13.2
Max. cont. Apparent Power (kVA)	6.6	8.8	11	13.2
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)			
Oversvoltage category	OVC III (AC Main), OVC II (PV)			
Dimensions, D*W*H (mm)	427mm×450mm×204mm			
Weight (kg)	15kg	15kg	15kg	15kg

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-PV-240004R1

Specifications table				
Model	AU15K3P	AU17K3P	AU20K3P	AU22K3P
PV input				
Vmax PV (Vdc) (absolute Max.)	1100			
Isc PV (absolute Max.) (A)	23/37.5	23/37.5	37.5/37.5	37.5/37.5
Max. PV input current / strings (A)	18/30	18/30	30/30	30/30
Number MPP trackers	1/2	1/2	2/2	2/2
Number input strings	3	3	4	4
MPPT Range (Vdc)	180 ~ 1000			
Vdc range @ full power (Vdc)	400V~850		450~850	
AC Grid (output)				
Normal AC Voltage (VAC)	3φ/N/PE 400Vac			
Frequency (Hz)	50			
Max. cont. output current (A)	24	28.3	32	32
Max. cont. output Power (kW)	16.5	18.7	22	24.2
Max. cont. Apparent Power (kVA)	16.5	18.7	22	24.2
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)	427mm×450mm×204mm			
Weight (kg)	18kg	18kg	18kg	18kg

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-PV-240004R1

Specifications table			
Model	AU23K3P	AU25K3P	AU28K3P
PV input			
Vmax PV (Vdc) (absolute Max.)	1100		
Isc PV (absolute Max.) (A)	37.5/37.5	45/37.5	45/45
Max. PV input current / strings (A)	30/30	36/30	36/36
Number MPP trackers	2/2	2/2	2/2
Number input strings	4	4	4
MPPT Range (Vdc)	180 ~ 1000		
Vdc range @ full power (Vdc)	450V~850V		500-850
AC Grid (output)			
Normal AC Voltage (VAC)	3 ϕ /N/PE 400Vac		
Frequency (Hz)	50		
Max. cont. output current (A)	36.5	41	45
Max. cont. output Power (kW)	25.3	27.5	30.8
Max. cont. Apparent Power (kVA)	25.3	27.5	30.8
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)	427mmx450mmx204mm		
Weight (kg)	18kg	18kg	18kg

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.