

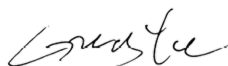
Certificate of Conformity

Certificate Number: CN-PV-230375R2

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
Manufacturer:	Ningbo AUX Solar Technology Co., Ltd. No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, China
Product:	Hybrid solar inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ASG-3.6SL-ZH, ASG-4SL-ZH, ASG-4.6SL-ZH, ASG-5SL-ZH, ASG-6SL-ZH
Brand Name<s>:	AUXSOL
Product Complies with:	Commission Regulation (EU) 2016/631 of 14 April 2016 (NC RfG) establishing a network code on the requirements for connecting generating units to the network (Journal of Laws UE L 112/1 of 27 April 2016); PSE:18 December 2018: General Application Requirements resulting from the Regulation of the EU Commission 2016/631 of April 14, 2016 establishing the network code on the requirements for connecting generating units to the grid - approved by the Decision of the President of the Energy Regulatory Office DRE.WOSE.7128.550.2.2018.ZJ of January 2, 2019; PTPiREE, 2021-04: Conditions and procedures for the use of certificates in the process of connecting power generation modules to power grids. Type approval for Type A PPMs Type 1a product certification scheme according to ISO/IEC 17067:2013 Certification procedure SMS-PV-OP-19
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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 230612021GZU-004
Test Report No.<s>:	

Replaces certificate No. CN-PV-230375R1, dated 11 September 2023
Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 20 September 2023

Valid until: 29 June 2028



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number:CN-PV-230375R2

The following functionalities have been assessed based on the rules for the use of certificate for Power Park Modules (PPMs), as specified in chapter 7 and 9 of the PTPIREE 2021-04. The functions denoted “Not Applicable” in the table of chapter 7 has not been included.

Capability	NC RfG	PSE 2018-12	Type A	Assessment result
Frequency range	13.1(a)	13.1(a)(i)	x	Compliant
Rate of Change of Frequency (ROCOF) Withstand capability, df/dt	13.1(b)	13.1(b)	x	Compliant
Remote cessation of active power	13.6	13.6	x	Compliant
Limited Frequency Sensitive Mode – Over frequency (LFSM-O)	13.2	13.2(a).(b).(f)	x	Compliant

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230375R2

Model	ASG-3.6SL-ZH	ASG-4SL-ZH	ASG-4.6SL-ZH
PV Input			
Max. input voltage	550V		
MPPT voltage range	90-520V		
Max. input current	16A/16A		
Max. short circuit current	20A/20A		
Input Battery			
Battery type	Li-ion		
Battery voltage range	80-480V		
Max.charge/discharge current	30A/30A		
Output AC (Grid side)			
Rated output power	3.6kW	4kW	4.6kW
Max. apparent output power	3.96kVA	4.4kVA	4.96kVA
Rated grid voltage	1/N/PE, 220V / 230V		
Rated grid frequency	50Hz		
Max. output current	17.2A	19.1A	22A
Power factor	>0.99 default (0.8 leading...0.8 lagging)		
Input AC (Grid side)			
Max. input power	4.8kW	5.3kW	6.2kW
Max. input current	21A	23A	26.8A
Rated input voltage	1/N/PE, 220V / 230V		
Rated input frequency	50/60Hz		
Output AC (Back-up)			
Rated output power	3.6kW	4kW	4.6kW
Max. apparent output power	4.3kVA	4.8kVA	5.5kVA
Max. output current	15.6A	17.4A	20A
Rated output voltage	220V / 230V		
Rated frequency	50/60Hz		
Ambient temperature range	-30...+60℃		
Degree of protection	IP66		
Software Version	DSP: D2301; ARM: A2301		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230375R2

Model	ASG-5SL-ZH	ASG-6SL-ZH
PV Input		
Max. input voltage	550V	
MPPT voltage range	90-520V	
Max. input current	16A/16A	
Max. short circuit current	20A/20A	
Input Battery		
Battery type	Li-ion	
Battery voltage range	80-480V	
Max.charge/discharge current	30A/30A	
Output AC (Grid side)		
Rated output power	5kW	6kW
Max. apparent output power	5.5kVA	6.6kVA
Rated grid voltage	1/N/PE, 220V / 230V	
Rated grid frequency	50Hz	
Max. output current	23.9A	28.7A
Power factor	>0.99 default (0.8 leading...0.8 lagging)	
Input AC (Grid side)		
Max. input power	6.7kW	8kW
Max. input current	29.1A	34.8A
Rated input voltage	1/N/PE, 220V / 230V	
Rated input frequency	50/60Hz	
Output AC (Back-up)		
Rated output power	5kW	6kW
Max. apparent output power	6kVA	7.2kVA
Max. output current	21.7A	26A
Rated output voltage	220V / 230V	
Rated frequency	50/60Hz	
Ambient temperature range	-30...+60℃	
Degree of protection	IP66	
Software Version	DSP: D2301; ARM: A2301	

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