

Certificate of Conformity

Certificate Number: CN-PVES-250119

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:	Hybrid solar inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ASG-3.6SL-ZL, ASG-4SL-ZL, ASG-5SL-ZL, ASG-6SL-ZL, ASG-8SL-ZL
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>:	250217016GZU -003, 12 Mar 2025 250217016GZU -004, 12 Mar 2025

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 13 March 2025



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250119

Model	ASG-3.6SL-ZL	ASG-4SL-ZL	ASG-5SL-ZL
PV Input			
Max. input voltage	550V		
MPPT voltage range	90-450V		
Max. input current	16A/16A		
Max. short circuit current	20A/20A		
Input Battery			
Battery type	Lead-acid or Li-ion		
Battery voltage range	40-60V		
Max.charge/discharge current	190A/190A		
Output AC (Grid side)			
Rated output power	3.6kW	4kW	5kW
Max. apparent output power	3.96kVA	4.4kVA	5.5kVA
Rated grid voltage	220V/230V		
Rated grid frequency	50/60Hz		
Max. output current	17.2A	19.1A	23.9A
Power factor	>0.99 default (0.8 leading...0.8 lagging)		
Input AC (Grid side)			
Rated input power	3.6kW	4kW	5kW
Max. input power	6.9kW	6.9kW	6.9kW
Max. apparent power	6.9kVA	6.9kVA	6.9kVA
Max. input current	30A	30A	30A
Rated input voltage	220V/230V		
Rated input frequency	50/60Hz		
Output AC (Back-up)			
Rated output power	3.6kW	4kW	5kW
Max. output current	17.2A	19.1A	23.9A
Rated output voltage	220V/230V		
Rated frequency	50/60Hz		
Ambient temperature range	-40...+60°C		
Degree of protection	IP66		
Protective Class	Class I		
Software Version	T1001		

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Model	ASG-6SL-ZL	ASG-8SL-ZL
PV Input		
Max. input voltage	550V	
MPPT voltage range	90-450V	
Max. input current	16A/16A	32A/32A
Max. short circuit current	20A/20A	40A/40A
Input Battery		
Battery type	Lead-acid or Li-ion	
Battery voltage range	40-60V	
Max.charge/discharge current	190A/190A	
Output AC (Grid side)		
Rated output power	6kW	8kW
Max. apparent output power	6.6kVA	8.8kVA
Rated grid voltage	220V/230V	
Rated grid frequency	50/60Hz	
Max. output current	28.7A	38.3A
Power factor	>0.99 default (0.8 leading...0.8 lagging)	
Input AC (Grid side)		
Rated input power	6kW	8kW
Max. input power	9.2kW	11.5kW
Max. apparent power	9.2kVA	11.5kVA
Max. input current	40A	50A
Rated input voltage	220V/230V	
Rated input frequency	50/60Hz	
Output AC (Back-up)		
Rated output power	6kW	8kW
Max. output current	28.7A	38.3A
Rated output voltage	220V/230V	
Rated frequency	50/60Hz	
Ambient temperature range	-40...+60°C	
Degree of protection	IP66	
Protective Class	Class I	
Software Version	T1001	

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