

Certificate of Conformity

Certificate Number: CN-PVES-250109

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-5TL-ZH, ASG-6TL-ZH, ASG-8TL-ZH, ASG-10TL-ZH, ASG-12TL-ZH, ASG-15TL-ZH, ASG-20TL-ZH
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 -001, 25 Feb 2025 250217016GZU -002, 25 Feb 2025

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 05 March 2025



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250109

Model	ASG-5TL-ZH	ASG-6TL-ZH	ASG-8TL-ZH
PV Input			
Max. input voltage	1000V		
MPPT voltage range	170-900V		
Max. input current	16A/16A		26A/26A
Max. short circuit current	20A/20A		32A/32A
Input Battery			
Battery type	Li-ion		
Battery voltage range	180-800V		
Max.charge/discharge current	30A/30A		
Output AC (Grid side)			
Rated output power	5kW	6kW	8kW
Max. apparent output power	5.0kVA	6.0kVA	8.0kVA
Rated grid voltage	3/N/PE, 380V/400V		
Rated grid frequency	50Hz/60Hz		
Max. output current	11.4A	13.6A	18.2A
Power factor	>0.99 default (0.8 leading...0.8 lagging)		
Input AC (Grid side)			
Rated input power	5kW	6kW	8kW
Max. input power	10kW	12kW	16kW
Max. input current	15.2A	18.2A	24.2A
Rated input voltage	3/N/PE, 380/400V		
Rated input frequency	50/60Hz		
Output AC (Back-up)			
Rated output power	5kW	6kW	8kW
Max. output current	7.6A	9.1A	12.1A
Rated output voltage	380V/400V		
Rated frequency	50/60Hz		
Ambient temperature range	-30...+60°C		
Degree of protection	IP66		
Protective Class	Class I		
Software Version	DSP: A6050; ARM: A3023		

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Model	ASG-10TL-ZH	ASG-12TL-ZH	ASG-15TL-ZH	ASG-20TL-ZH
PV Input				
Max. input voltage	1000V			
MPPT voltage range	170-900V			
Max. input current	26A/26A		36A/36A	
Max. short circuit current	32A/32A		45A/45A	
Input Battery				
Battery type	Li-ion			
Battery voltage range	180-800V			
Max.charge/discharge current	30A/30A		2*30A/2*30A	
Output AC (Grid side)				
Rated output power	10kW	12kW	15kW	20kW
Max. apparent output power	10kVA	12kVA	15kVA	20kVA
Rated grid voltage	3/N/PE, 380V/400V			
Rated grid frequency	50Hz/60Hz			
Max. output current	22.7A	27.3A	34.1A	45.5A
Power factor	>0.99 default (0.8 leading...0.8 lagging)			
Input AC (Grid side)				
Rated input power	10kW	12kW	15kW	20kW
Max. input power	20kW	24kW	30kW	40kW
Max. input current	30.3A	36.4A	45.5A	45.5A
Rated input voltage	3/N/PE, 380/400V			
Rated input frequency	50/60Hz			
Output AC (Back-up)				
Rated output power	10kW	12kW	15kW	20kW
Max. output current	15.2A	18.2A	22.7A	30.3A
Rated output voltage	380V/400V			
Rated frequency	50/60Hz			
Ambient temperature range	-30...+60℃			
Degree of protection	IP66			
Protective Class	Class I			
Software Version	DSP: A6050; ARM: A3023			

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