

# Test Verification of Conformity

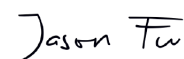
Verification Number: 250217008GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant EU legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:	Ningbo AUX Solar Technology Co., Ltd. No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, China
Product Description:	Hybrid solar inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	ASG-3.6SL-ZL, ASG-4SL-ZL, ASG-5SL-ZL, ASG-6SL-ZL, ASG-8SL-ZL
Brand Name:	<b>AUXSOL</b>
Relevant Standards/Directives:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	17 Feb 2025 – 05 Mar 2025
Test Report Number(s):	250217008GZU-001, 250217008GZU-002

Additional information in Appendix.



## Signature

**Name: Jason Fu**

**Position: Supervisor**

**Date: 13 March 2025**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 250217008GZU-VOC001.

Ratings & Principle  
Characteristics:

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 Lithium-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		

Jason Fu

**Signature**

**Name: Jason Fu**

**Position: Supervisor**

**Date: 13 March 2025**

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Ratings & Principle  
Characteristics:

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 Lithium-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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