

Test Verification of Conformity

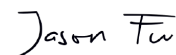
Verification Number: 250217008GZU-VOC002

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:	Single phase on grid solar inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	ASN-3.6SL-G2, ASN-4SL-G2, ASN-4.6SL-G2, ASN-5SL-G2, ASN-6SL-G2
Brand Name:	
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 – 20 April 2025
Test Report Number(s):	250217008GZU-005, 250217008GZU-006

Additional information in Appendix.



Signature

Name: Jason Fu

Position: Supervisor

Date: 29 May 2025

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 250217008GZU-VOC002.

Ratings & Principle
Characteristics:

MODEL	ASN-3.6SL-G2	ASN-4SL-G2
Input (DC)		
Max. input voltage	550V	
Rated input voltage	360V	
MPPT operating voltage range	40V-520V	
Max. input MPPT current	18/18A	
Max. input short circuit current per MPPT	22/22A	
Output (AC)		
Rated power	3.6kW	4kW
Max. AC apparent power	3.96kVA	4.4kVA
Rated output current	16.4A	18.2A
Max output current	18A	20A
Nominal grid voltage	1/N/PE, 220Vac/230Vac/240Vac	
Nominal frequency	50Hz/60Hz	
Power factor	1 default (0.8 Leading...0.8 Lagging)	
Ambient temperature range	-30...+60°C	
Degree of protection	IP66	
Protective Class	I	
Software Version	DSP: B0104; ARM: 3442	

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 29 May 2025

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 250217008GZU-VOC002.

Ratings & Principle
Characteristics:

MODEL	ASN- 4.6SL-G2	ASN- 5SL-G2	ASN- 6SL-G2
Input (DC)			
Max. input voltage	550V		
Rated input voltage	360V		
MPPT operating voltage range	40V-520V		
Max. input MPPT current	18/18A		
Max. input short circuit current per MPPT	22/22A		
Output (AC)			
Rated power	4.6kW	5kW	6kW
Max. AC apparent power	5.06kVA	5.5kVA	6kVA
Rated output current	20.9A	22.7A	27.3A
Max output current	23A	25A	27.3A
Nominal grid voltage	1/N/PE, 220Vac/230Vac/240Vac		
Nominal frequency	50Hz/60Hz		
Power factor	1 default (0.8 Leading...0.8 Lagging)		
Ambient temperature range	-30...+60°C		
Degree of protection	IP66		
Protective Class	I		
Software Version	DSP: B0104; ARM: 3442		

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