

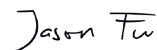
# Test Verification of Conformity

Verification Number:240625043GZU-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 / UK 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:	Three phase on grid solar inverter
Ratings & Principal Characteristics:	See APPENDIX: Test Verification of Conformity
Models/Type References:	ASN-90TL-PLUS, ASN-99TL-PLUS, ASN-100TL-PLUS, ASN-110TL-PLUS ASN-50TL-LV-PLUS, ASN-60TL-LV-PLUS, ASN-70TL-LV-PLUS ASN-75TL-LV-PLUS
Brand Names:	<b>AUXSOL</b>
Specification<s>/Standards:	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 Mar 2025 – 30 April 2025
Test Report Number(s):	240625043GZU-001, 240625043GZU-002
Additional information in Appendix.	



## Signature

**Name:** Jason Fu

**Position:** Supervisor

**Date:** 19 May 2025

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240625043GZU-VOC001

Ratings & Principal  
Characteristics:

Model	ASN-90TL-PLUS	ASN-99TL-PLUS	ASN-100TL-PLUS	ASN-110TL-PLUS
PV Input				
Max. input voltage	1100V			
MPPT voltage range	180-1000V			
Max. input current	8 x 40A			
Max. short circuit current	8 x 50A			
Output AC (Grid side)				
Rated output power	90kW	99kW	100kW	110kW
Max. apparent output power	99kVA	99kVA	110kVA	121kVA
Rated grid voltage	3/N/PE, 220/380Vac, 230/400Vac			
Rated grid frequency	50/60Hz			
Max. output current	143A	143A	158.8A	174.6A
Power factor	>0.99 default (0.8 leading...0.8 lagging)			
Ambient temperature range	-30...+60°C			
Degree of protection	IP66			
Protective Class	Class I			
Software Version	DSP: D2301; ARM: A2301			

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 19 May 2025

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240625043GZU-VOC001

Ratings & Principal Characteristics:

Model	ASN-50TL-LV-PLUS	ASN-60TL-LV-PLUS	ASN-70TL-LV-PLUS	ASN-75TL-LV-PLUS
PV Input				
Max. input voltage	800V			
MPPT voltage range	180-800V			
Max. input current	5 x 40A	8 x 40A		
Max. short circuit current	5 x 50A	8 x 50A		
Output AC (Grid side)				
Rated output power	50kW	60kW	70kW	75kW
Max. apparent output power	55kVA	66kVA	70kVA	75kVA
Rated grid voltage	3/N/PE, 127/220Vac			
Rated grid frequency	50/60Hz			
Max. output current	144.3A	173.2A	183.7A	196.8A
Power factor	>0.99 default (0.8 leading...0.8 lagging)			
Ambient temperature range	-30...+60°C			
Degree of protection	IP66			
Protective Class	Class I			
Software Version	DSP: D2301; ARM: A2301			

*Jason Fu*

Signature

Name: Jason Fu

Position: Supervisor

Date: 19 May 2025

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