Test Verification of Conformity

Verification Number: 250422041GZU-VOC002

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an 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>.

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-50TL-HV-G2, ASN-60TL-HV-G2, ASN-70TL-HV-G2, ASN-75TL-HV-G2, ASN-80TL-HV-G2, ASN-30TL-LV-G2 ASN-40TL-LV-G2
Brand Names:	AUXSOL
Specification<s>/Standards:	IEEE 1547: 2003, IEEE 1547a:2014 & IEEE 1547.1: 2005+ A1: 2015 IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems
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:	22 April 2025 to 10 Jun 2025
Test Report Number(s):	250422041GZU-002

Additional information in Appendix.

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 20 June 2025

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number:250422041GZU-VOC002

Ratings & Principal Characteristics:

MODEL	ASN-50TL-HV-G2	ASN-60TL-HV-G2	ASN-70TL-HV-G2
Input (DC)			
Max. input voltage	1100V		
Rated input voltage	630V		
MPPT operating voltage range	150V-1000V		
Max. input MPPT current	40A*4	48A*4	
Max. input short circuit current per MPPT	50A*4	60A*4	
Output (AC)			
Rated power	50kW	60kW	70kW
Max. AC apparent power	55kVA	66kVA	77kVA
Rated output current	60.1A	72.2A	84.2A
Max output current	66.2A	79.4A	92.6A
Nominal grid voltage	3/N/PE, 277V/480Vac		
Nominal frequency	60Hz		
Power factor	>0.99 (0.8 Leading...0.8 Lagging)		
Ambient temperature range	-30...+60℃		
Degree of protection	IP66		
Software Version	DSP: D2301; ARM: A2301		

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 20 June 2025

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number:250422041GZU-VOC002

Ratings & Principal Characteristics:

MODEL	ASN-75TL-HV-G2	ASN-80TL-HV-G2
Input (DC)		
Max. input voltage	1100V	
Rated input voltage	630V	
MPPT operating voltage range	150V-1000V	
Max. input MPPT current	48A*4	
Max. input short circuit current per MPPT	60A*4	
Output (AC)		
Rated power	75kW	80kW
Max. AC power	82.5kVA	88kVA
Rated output current	90.2A	96.2A
Max output current	99.2A	105.9A
Nominal grid voltage	3/N/PE, 277V/480Vac	
Nominal frequency	60Hz	
Power factor	>0.99 (0.8 Leading...0.8 Lagging)	
Ambient temperature range	-30...+60°C	
Degree of protection	IP66	
Software Version	DSP: D2301; ARM: A2301	

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 20 June 2025

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number:250422041GZU-VOC002

Ratings & Principal Characteristics:

MODEL	ASN-30TL-LV-G2	ASN-40TL-LV-G2
Input (DC)		
Max. input voltage	800V	
Rated input voltage	360V	
MPPT operating voltage range	150V-800V	
Max. input MPPT current	48A*4	
Max. input short circuit current per MPPT	60A*4	
Output (AC)		
Rated power	30kW	40kW
Max. AC apparent power	33kVA	44kVA
Rated output current	78.7A	105A
Max output current	86.6A	115.5A
Nominal grid voltage	3/N/PE,127V/220Vac	
Nominal frequency	60Hz	
Power factor	>0.99(0.8 Leading...0.8 Lagging)	
Ambient temperature range	-30...+60℃	
Degree of protection	IP66	
Software Version	DSP: D2301; ARM: A2301	

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 20 June 2025

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.