

Verification No.: VHC2412240307GC06

Date of issue: 2025-06-11

Applicant:	<b>Ningbo AUX Solar Technology Co., Ltd.</b> No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, China		
Device Category:	Three phase on grid solar inverter		
Device Type:	<input checked="" type="checkbox"/> PV Inverter, <input type="checkbox"/> Hybrid Inverter, <input type="checkbox"/> Power Conversion System		
PGM categories:	<input checked="" type="checkbox"/> Typ A	<input checked="" type="checkbox"/> Typ B	<input type="checkbox"/> Typ C <input type="checkbox"/> Typ D
Model(s):	ASN-50TL-G2 ASN-75TL-G2	ASN-60TL-G2 ASN-80TL-G2	ASN-70TL-G2
Trademark:	<b>AUXSOL</b>		
Technical data:	Product family: 50 - 80kW  (For further details see A.2 Technical data of the power generating unit(s) on p.2)		
Firmware version:	DSP: D2301; ARM: A2301		
Grid connection code:	<b>[1] IRR-TIC (Version 2, 16. July 2015)</b> Intermittent Renewable Resources (IRR) Wind & PV Transmission Interconnection Code (TIC) <b>[2] IRR-DCC-MV (Version 2, 09. June 2016)</b> Intermittent Renewable Resources (Wind and PV) Distribution Connection Code (DCC) At Medium Voltage (MV)		
Testing standard:	<b>[3] EN 50549-2: 2023</b> Requirements for generating plants to be connected in parallel with distribution networks Part 2: Connection to a MV distribution network - Generating plants up to and including Type B) <b>[4] FGW TG3, Rev. 26</b> Technical Guidelines for Power Generating Units and Systems PART 3 (TG 3) <b>[5] IEC 62116: 2014</b> Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures <b>[6] IEC 61400-21, Ed. 2</b> Wind energy generation systems - Part 21-2: Measurement and assessment of electrical characteristics - Wind power plants		

This verification confirms that the above-mentioned generating unit(s) with corresponding software meet the requirements of the referenced grid connection code at the time the tests were conducted.

This certificate relates to type testing and does not imply LYNS's endorsement, approval, certification or on-going control of the product(s), either in terms of performance, design, manufacture or materials used. This certificate and the results stated herein relate solely to the sample product(s) tested and to the specific tests undertaken.

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**Jack Shi**

Sr. Project Manager

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**A.1 Revision history of the certificate**

Rev. No.	Date	Changes	Status
0 (VHC2412240307GC06)	2025-06-11	Initial issue	Active

**A.2 Technical data of the power generating unit(s)**

Model/Type reference.....:	ASN-50TL-G2	ASN-60TL-G2	ASN-70TL-G2	ASN-75TL-G2	ASN-80TL-G2
PV Input					
Max.Input Voltage [V] .....	1100				
MPPT Voltage Range [V].....:	150 - 1000				
Max. Input Current [A].....:	4*40A	4*48A	4*48A	4*48A	4*48A
Isc PV [A].....:	4*50	4*60	4*60	4*60	4*60
AC Output					
Nominal Output Voltage [V] .....	400, 3/N/PE, 50/60Hz				
Nominal Output Power [kW].....:	72.2	86.6	101.0	108.3	115.5
Max. Output Apparent Power [kVA] .....	79.4	95.3	111.0	119.1	127.0
Nominal Output Current [A].....:	50.0	60.0	70.0	75.0	80.0
Max. Output Current [A].....:	55.0	66.0	77.0	82.5	88.0
Software version .....	DSP: D2301; ARM: A2301				
Operating temperature range	-30°C ~ +60°C				
Degree of protection	IP65 (according to EN 60529)				
Protection class	I (according to IEC 62109-1)				
Type of internal transformer	No internal transformer (transformerless)				
Firmware version	DSP: D2301; ARM: A2301				
Manufacturer	Ningbo AUX Solar Technology Co., Ltd. No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, China				
Test report: HC2412240307GC06 (2025-06-11)					
Testing laboratory	Lyns-tci Technology Guangdong Co., Ltd. Room 1201, Unit 2, Building 18, No. 7, Science and Technology Boulevard, Houjie Town, Dongguan City, Guangdong, 523960 P.R. China (Accredited acc. ISO/IEC 17025: A2LA Accreditation no. 5200.02)				
Testing location	Same as above				
Date(s) of performance of tests	2025-02-06 to 2025-05-10				