

SINGLE PHASE ON-GRID INVERTER

ASN-9SL-G2

ASN-10SL-G2

ASN-10.5SL-G2



High Efficiency

- » Max. MPPT current 32A, suitable for high-current/double-sided components
- » 40V low start-up voltage enables early startup and more energy generation



Smart

- » Ultra-wide grid voltage design with automatic voltage regulation technology ensures uninterrupted operation even under unstable grid conditions
- » Supports 24-hour load uninterruptible power monitoring (Optional)



User-Friendly

- » Support RS485, WiFi, 4G, LAN, Suspec different communication methods
- » Quick sweep access to AUXSOL Cloud, support remote upgrade and setup



Safe & Reliable

- » Supports I-V curve scanning, accurately identifying string anomalies
- » Intelligent AFCI reduces fire risk (Optional)



Economical & Cost-Saving

- » Compact and lightweight design for easy installation and maintenance
- » Supports high power component access, low system installation and cable costs

AUX GROUP

Established in 1986, AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 40000+ employees keep AUX fast development for recent years.

40

Years

History

\$12

Billion

Revenue in 2025

5

Business Industries

\$11.2

Billion

Assets

500

China's Top

40000+

Employees

AUXSOL

Advance Unlimited X-tra Green Power

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	ASN-9SL-G2	ASN-10SL-G2	ASN-10.5SL-G2
PV INPUT			
Max. PV input power	18kW	20kW	21kW
Max input voltage		550V	
Rated input voltage		360V	
Start-up voltage		40V	
MPPT voltage range		40-550V	
Max. PV input current		32A/20A	
Max. short circuit current		40A/25A	
MPPT number/Max. input strings number		2/3	
AC OUTPUT			
Rated output power	9kW	10kW	10.5kW
Max. apparent output power	9kVA	10kVA	10.5kVA
Rated grid output current	40.9A	45.5A	47.7A
Max. output current	40.9A	45.5A	47.7A
Rated grid voltage	1/N/PE,220V/230V/240V		
Rated grid frequency	50Hz/60Hz (±5Hz)		
Power factor	>0.99 (0.8 leading ... 0.8 lagging)		
THDi	<3%		
EFFICIENCY			
Max. efficiency		98.10%	
EU efficiency		97.60%	
PROTECTION			
Integrated DC switch		Yes	
DC rever-polarity protection		Yes	
Insulation impedance detection		Yes	
Residual leakage current detection		Yes	
Ground Fault Monitoring		Yes	
Short circuit protection		Yes	
Anti-islanding protection		Yes	
DC Surge protection		DC Type II / AC Type II	
DC arc-fault circuit protection		Yes	
Anti-backup flow		Optional	
GENERAL DATA			
Dimensions (W*H*D)		414*334*203.5mm	
Weight		15.2kg	
Self consumption(night)		≤1W	
Operating temperature range		-30...+60 C	
Cooling concept		Natural Cooling	
Max. operation altitude		4000m (Derating above 3000m)	
Relative humidity		0-100%	
Ingress protection		IP66	
Topology structure		Transformerless	
Type of DC terminal		MC4 connector	
Type of AC terminal		Quick connection plug	
DISPLAY&COMMUNICATION			
Display		LED+Bluetooth+APP	
Communication		Standard:Wifi,Optional:WLAN	

* **【1】** If the load monitoring function is turned on for 24 hours, the standby power consumption at night ≤ 20W