AUXSOL

2026_10

SINGLE PHASE ON-GRID INVERTER

ASN-3.6SL-G2 | ASN-4SL-G2 | ASN-5SL-G2 | ASN-6SL-G2

High Efficiency

» Max. 18A single string current, compatible with 210 PV modules
» 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
» Integrated Intelligent Management System

User-Friendly

» Silent design (<35dB)
» Support RS485, WiFi, 4G, LAN, Suspec different communication methods

Safe & Reliable

» IP66 protection rating, adaptable to harsh operating environments
» Intelligent AFCI reduces fire risk (Optional)

Economical & Cost-Saving

» Compact and lightweight design for easy installation and maintenance

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

Ningbo AUX Solar Import & Export Co., Ltd.

No. 518, Xinmei Road, Yinzhou District,Ningbo City,
Zhejiang Province, China

info@auxsol.com
www.auxsol.com
+86 0574-8765 2201

	ASN-3.6SL-G2	ASN-4SL-G2	ASN-5SL-G2	ASN-6SL-G2
PV INPUT				
Max. input power	5.4kW	6kW	7.5kW	9kW
Max. input voltage	550V			
Rated voltage	360V			
Start-up voltage	40V			
MPPT voltage range	40-520V			
Max. input current	18A/18A			
Max. short circuit current	22A/22A			
MPPT number	2			
Max. input strings number	2			
AC OUTPUT				
Rated output power	3.6kW	4kW	5kW	6kW
Max. apparent output power	3.96kVA	4.4kVA	5.5kVA	6kVA
Max. output power	3.96kW	4.4kW	5.5kW	6kW
Rated grid output current	16.4A	18.2A	22.7A	27.3A
Max. output current	18A	20A	25A	27.3A
Rated grid voltage	1/N/PE,220V/230V/240V			
Rated grid frequency	50Hz/60Hz (±5Hz)			
Power factor	1 (0.8 Leading ~ 0.8Lagging)			
THDi	<3%			
EFFICIENCY				
Max.efficiency	97.5%			
EU efficiency	97.0%			
PROTECTION				
Integrated DC switch	Yes			
DC reverse-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	Optional			
Anti-backup flow	Optional			
GENERAL DATA				
Dimensions (W*H*D)	330*268*168mm			
Weight	7.8kg			
Self consumption(night)	≤1W			
Operating temperature Range	-30...+60℃			
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

Note: The specification and key features described in this datasheet may deviate slightly and are not guaranteed. AUXSOL reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the latest version of the datasheet, any commercial contracts that may be signed will be based on the most recent version at the moment of signing the contract.