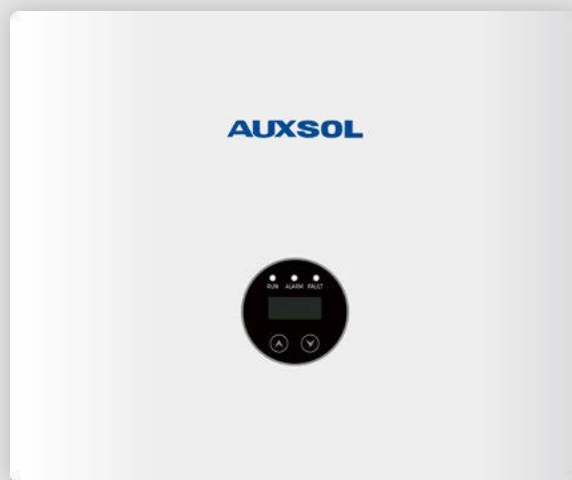


SINGLE PHASE ON-GRID INVERTER

ASN-(3-3.3)SL-G2



KEY FEATURES



High Efficiency

- » Max. 18A single string current, compatible with 210 large 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
- » Supports 24-hour load uninterruptible power monitoring (Optional)



User-Friendly

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



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

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.

39 Years History	\$12.6 Billion Revenue in 2024	5 Business Industries
\$9.6 Billion Assets	500 China's Top	40000+ Employees

AUXSOL

WIN A GREEN FUTURE TOGETHER

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	ASN-3SL-G2	ASN-3.3SL-G2
PV INPUT		
Max. PV input power	4.5kW	4.95kW
Max. PV input voltage	550V	
Rated PV input voltage	360V	
Start-up voltage	40V	
MPPT voltage range	40-520V	
Max. PV input current	18A	
Max. short circuit current	22A	
MPPT number/Max. input strings number	1/1	
AC OUTPUT		
Rated output power	3kW	3.3kW
Max. apparent output power	3.3kVA	3.3kVA
Rated output current	13.6A	15A
Max. output current	15A	15A
Rated output voltage	220V/230V/240V, L/N/PE	
Output voltage range	160~300V	
Rated output frequency/ frequency range	50Hz/60Hz (±5Hz)	
Power factor	>0.99 (0.8 leading ... 0.8 lagging)	
THDi	<3%	
EFFICIENCY		
MPPT efficiency	99.80%	
Max. efficiency	97.5%	
EU efficiency	97.0%	
PROTECTION		
Integrated DC switch	Yes	
DC reverse-polarity protection	Yes	
String monitoring	Yes	
Insulation impedance detection	Yes	
Residual leakage current detection	Yes	
Ground fault monitoring	Yes	
Short circuit protection	Yes	
Anti-islanding protection	Yes	
DC/AC surge protection	DC:Type II;AC:Type II	
DC arc-fault circuit protection	Optional	
I/V curve scanning	Yes	
GENERAL		
Operating temperature range	-30...+60C	
Max. operation altitude	4000m (Derating above 3000m)	
Relative humidity	0-100%	
Cooling concept	Natural Cooling	
Ingress protection	IP66	
Topology	Transformerless	
Night self consumption	<1W	
Dimensions (W*H*D)	269.5*254.5*145mm	
Weight	4.2kg	
COMMUNICATION		
Display	LCD+LED+Bluetooth+APP	
Communication	RS485,Optional:WIFI,4G,LAN	
CERTIFICATION		
Grid standards	IEC 61727/62116,IEC 61683,EN50549,INMETRO 140,INMETRO 515	
Safety/EMC	IEC/EN 62109-1/2,EN IEC61000-6-1/2/3/4,EN IEC 61000-3-11/12	

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.