

HYBRID INVERTER

(SINGLE PHASE)

ASG-(8-10)SL-ZL-G2

NEW



KEY FEATURES



High Efficiency

- » Wide MPPT voltage range for increased power generation
- » Max. string current 20A, suitable for high-current/double-sided components



Smart

- » Supports remote diagnostics and software updates
- » Easy to set up intelligent working modes
- » Compatible with diesel generators, can control the generator automatically start and stop



User-Friendly

- » <4ms UPS-level switching
- » Smart load dual output interface protection
- » 6 editable charge/discharge times



Safe & Reliable

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



Economical & Cost-Saving

- » Supports grid-connected and off-grid AC coupled access

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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	ASG-8SL-ZL-G2	ASG-10SL-ZL-G2
PV INPUT		
Max. input power	16kW	20kW
Max. input voltage	550V	
Rated voltage	360V	
Start-up voltage	60V	
MPPT voltage range	90-450V	
MPPT number	2	
Max. input strings number	2*2	
Max. input current	32A/32A	
Max. short circuit current	40A/40A	
BATTERY		
Battery type	Li-ion / Lead-acid	
Battery voltage Range	40-60V	
Number of battery input channels	1	
Max. charge / discharge current	190A	210A
Communication	CAN/RS485	
Charging Strategy for Li-Ion Battery	Self-adaption to BMS	
OUTPUT AC (Grid Side)		
Rated output power	8kW	10kW
Max. apparent output power	8.8kVA	11kVA
Rated current	34.8A	43.5A
Max. output current	38.3A	47.8A
Rated grid voltage	1/N/PE,220V/230V	
Rated grid frequency	50/60Hz	
Power Factor	>0.99 (0.8 leading - 0.8 lagging)	
THDi	<3%	
INPUT AC (Grid Side)		
Rated input power	8kW	10kW
Max. input power	11.5kW	
Max. input current	50A	
Rated input voltage	1/N/PE,220V/230V	
Rated input frequency	50/60Hz	
OUTPUT AC (Back-up)		
Rated output power	8kW	10kW
Max. output current	38.3A	43.5A
Max. output power	2 times of rated power, 10 s	
Back-up switch time	< 4ms	
Rated output voltage	220V/230V	
Rated frequency	50/60Hz	
THDv	<3%	
EFFICIENCY		
MPPT efficiency	99.80%	
Max. efficiency	97.70%	
EU efficiency	96.70%	
Max. BAT charged/discharged efficiency	95.3% / 93.9%	
PROTECTION		
Integrated DC switch	Yes	
DC rever-polarity protection	Yes	
Anti-islanding protection	Yes	
Insulation impedance detection	Yes	
Ground Fault Monitoring	Yes	
Residual leakage current detection	Yes	
DC/AC Surge protection	DC Type II / AC Type II	
DC arc-fault circuit protection	Optional	
GENERAL DATA		
Dimensions (W*H*D)	354*560*226 mm	
Weight	25kg	
Self consumption(night)	≤20W	
Operating temperature range	-40 to +60 C	
Cooling concept	Smart Fan Cooling	
Max. operation altitude	4000m(Derating above 3000m)	
Relative humidity	0~100%	
Ingress protection	IP 66	
Topology Structure	Transformerless	
Type of DC terminal	MC4 connector	
Battery connection type	Compression type terminal	
Type of AC terminal (Back-up)	Compression type terminal	
Type of AC terminal (Grid side)	Compression type terminal	
DISPLAY&COMMUNICATION		
Display	LCD/Bluetooth+APP	
Communication	Standard:RS485 ,WiFi,Optional:WLAN	