

ENERGY STORAGE INVERTER

GA SERIES



ENERGY STORAGE INVERTER GA 4000VA~11000VA

FEATURES



- Lithium Battery Auto-restart Function More Convenient for Lithium Battery Charging
- Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/Battery Power Shares
- Utility Charging Voltage/PV Charging Voltage Adjustable, Match Different Battery Charging Requirements
- Slim Body, Convenient Installation And Transportation
- Battery Reverse Connection Protection with Fuse Switch, Safer Installation
- PF1.0, High Efficiency, Lower Consumption, Energy Conservation/ Environmental Protection/ Electricity Saving/ Cost Saving
- Support Working without Battery: Reduce Solar System Cost
- High Precision of Output Voltage, ±5%, Take Care of Your Appliances
- Communication Option: External WIFI, Supervise at Any Time
- BMS function for lithium battery

APPLICATION



Commercial car park



Street lighting/monitoring



Family/greenhouse



Commercial/construction

Model	GA4024SMH	GA6248SMH	GA8648SMH	GA11048SMH	
Input Formation	L+N+PE				
AC Input	220/230/240VAC				
Input Voltage Range	90-280VAC±3V(Normal Mode) 170-280VAC±3V (UPS Mode)				
Frequency	50/60Hz(Adaptive)				
Rated Power	4000W	6200W	8600W	11000W	
Dual Output Power	4000W/4500W	6200W/6500W	8600W/11000W	11000W/12000W	
Output Voltage(AC)	220/230/240VAC±5%				
Output Frequency	50/60Hz±0.1%				
Output Wave	Pure Sine Wave				
Transfer Time(Adjustable)	10ms for Computer Equipment,20ms for Household Equipment				
Peak Power	8000VA	12400VA	17200VA	22000VA	
Overload Ability	Battery Mode: 11s@105%~150% Load; 2s@150%~200% Load; 400ms@>200% Load				
Grid connected Operation	Output Voltage	220/230/240VAC			
	Grid Voltage Range	170-265VAC			
	Grid Frequency Range	49-51±1Hz/59-61±1Hz			
	Output Current	17.4A	26.9A	37.4A	47.8A
	Power Factor Range	>0.99			
	Max efficiency (DC/AC)	>98%			
Rated Voltage	24VDC	48VDC			
Constant Charging Voltage	28.2VDC	56.4Vdc			
Float Charging Voltage	27VDC	54VDC			
PV Charging Method	MPPT		2*MPPT		
Max PV Input Power	6500W	8500W	2*6500W	2*7500W	
PV Input Voltage Range	60~500VDC	60~500VDC	90~500VDC	90~500VDC	
MAX PV Input Voltage	500VDC	500VDC	500VDC	500VDC	
MAX PV Input Current	27A	27A	27A/27A	27A/27A	
MAX PV Charge Current	120A	120A	150A	150A	
MAX AC Charge Current	100A	100A	150A	150A	
MAX Charge Current	120A	120A	150A	150A	
LCD	Can display operating mode/load/input/output				
RS232	5PIN/Pitch2.54mm,Baud Rate 2400				
Expansion Slot Communication Interface	Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm				
Parallel Interface	Not Support Parallel				
Operating Temperature	0°C~40°C				
Storage Temperature	-15°C~60°C				
Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer				
Operating Environment Humidity	Non Condensing				
Noise	<50dB				
L*W*H(mm)	495*312*125mm				