

# ENERGY STORAGE INVERTER

GA SERIES



## ENERGY STORAGE INVERTER GA 4000VA~12400VA



### 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
- PFI.0, High Efficiency, Lower Consumption, Energy Conservation/ Environmental Protection/ Electricity Saving/ Cost Saving
- Support Working without Battery: Reduce Solar System Cost
- Parallel Function Up to Maximum 9 Units: Enlarge More Loads
- 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

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PARAMETERS

Model	GA2024EMH	GA3024EMH	GA3024MH	GA3624MH	GA5548MH	GA6248MH
Input Formation	L+N+PE					
AC Input	220/230/240VAC					
Input Voltage Range	90-280VAC±3V(Normal Mode)185-264VAC±3V (UPS Mode)					
Frequency	50/60Hz(Adaptive)					
Rated Power	2000W	3000W	3000W	3600W	5500W	6200W
Output Voltage	208/220/230/240VAC±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	4000VA	6000VA	6000VA	7200VA	11000VA	12400VA
Overload Ability	Battery Mode : 21s@102%-110% load 10s@110%-130% load 3s@130%-150% load 400ms@>150% load					
Peak Efficiency(Battery Model)	>94%					
Rated Voltage	24VDC				48VDC	
Constant Charging Voltage	28.2VDC				56.4Vdc	
Float Charging Voltage	27VDC				54VDC	
PV Charging Method	MPPT					
Max PV Input	2000W	3000W	4200W	4200W	5500W	6200W
MPPT Tracking Range	30-450VDC	40-500VDC	90-500VDC	90-500VDC	90-500VDC	90-500VDC
MAX PV Input Voltage	450VDC	500VDC	500VDC	500VDC	500VDC	500VDC
MAX PV Charge Current	60A	100A	100A	100A	100A	100A
MAX AC Charge Current	60A	60A	60A	80A	60A	80A
MAX Charge Current	80A	100A	100A	120A	100A	100A
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				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)	395*285*118mm		495*312*125mm			