

# ENERGY STORAGE HYBRID INVERTER








GA SERIES



ENERGY STORAGE INVERTER GA 3000W~6200W

## FEATURES



-  Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging
-  Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/BatteryPower 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
-  Parallel Function Up to Maximum 9 Units: Enlarge More Loads
-  High Precision of Output Voltage,  $\pm 5\%$ , 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	GA3024SMH	GA3624SMH	GA5548SMH	GA6248SMH	
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	3000W	3600W	5500W	6200W	
Dual Output Power	3000W/3000W	3600W/3600W	5500W/5500W	6200W/6200W	
Second Load Cut Off Voltage	22V		44V		
Second Load Return Voltage	26V		52V		
Output Voltage(AC)	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	6000VA	7200VA	11000VA	12400VA	
Overload Ability	Battery Mode : 21s@102%-110% load 10s@110%-130% load 3s@130%-150% load 400ms@>150% load				
Grid connected Operation	Output Voltage	208/220/230/240VAC±5% (Feed-in Grid Voltage Range:195-253VAC)			
	Grid Voltage Range	195-253VA			
	Grid Frequency Range	50/60Hz±0.1% (Feed-in Grid Frequency Range: 49-51+1Hz/59-61+1Hz)			
	Output Current	13.6A	16.3A	23.9A	26.9A
	Power Factor Range	>0.99			
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 Power	5000W	5000W	7500W	7500W	
PV Input Voltage Range	60-500VDC	60-500VDC	60-500VDC	60-500VDC	
MAX PV Input Voltage	500VDC	500VDC	500VDC	500VDC	
MAX PV Input Current	18A	18A	27A	27A	
MAX PV Charge Current	100A	100A	100A	120A	
MAX AC Charge Current	60A	80A	60A	100A	
MAX Charge Current	100A	100A	100A	120A	
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)	495*312*125mm				



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