



**ENERGY STORAGE INVERTER GA Pro+ 6200VA~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
- 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**



Island



Construction/housing



Factory/Meeting Center



Agriculture/animal husbandry

**GA Pro+ SERIES**

PARAMETERS

Model	GA6248SMHB	GA8648SMHB	GA11048SMHB	
Nominal Voltage	220/230/240VAC			
Voltage Range	90-280VAC±3V(Inverter Mode) 170-280VAC±3V(UPS Mode)			
Frequency	50-60Hz Auto sensing			
Rated Output Power	6200W	8600W	11000W	
Output Voltage(AC)	220/230/240VAC±5%			
Output Frequency	50/60Hz±0.1%			
Waveform	Pure sine wave			
Transfer time(AC to DC)	10ms for Computer Equipment, 20ms for Household Equipment			
Peak Power	12400VA	16000VA	22000VA	
Overload Capacity(Battery Mode)	Battery Mode: 1s@105%~150% Load; 2s@150%~200% Load; 400ms@>200% Load			
Grid connected Operation	Output Voltage	220/230/240VAC		
	Grid Voltage Range	195-253VA		
	Grid Frequency Range	49-51±1Hz/59-61±1Hz		
	Output Current	26.9A	34.7A	47.8A
	Power Factor Range	>0.99		
	Max efficiency (DC/AC)	98%		
Nominal Voltage	48VDC			
Constant Charging Voltage	56.4VDC			
Float Charging Voltage	54VDC			
PV Charging Way	MPPT	2*MPPT		
Max PV Input Power	8500W	2*6500W	2*7500W	
MPPT Controller Voltage	60-500VDC	90-500VDC		
MAX PV Input Voltage	500VDC			
MAX PV Charge Current	120A	150A	150A	
MAX AC Charge Current	100A	120A	150A	
MAX Charge Current	120A	150A	150A	
LCD Display	AC input Voltage, AC input frequency, PV Voltage, PV Current, Output Voltage, Output Frequency, Battery Voltage, Load Current, etc.			
RS232	5PIN/Pitch2.0mm			
Expansion Slot Communication Interface	2×5PIN/Pitch2.54mm, Lithium battery BMS communication card, WIFI, etc			
Parallel Interface	Yes: Max 9 parallel machines			
Operating Temperature	-10~50°C			
Humidity	20%-95%(Non-condensing)			
Storage Temperature	-15~60°C			
Altitude	<1000m			
Noise(dB)	≤50db			