



ENERGY STORAGE  
**INVERTER**  
GA pro s SERIES

**ENERGY STORAGE INVERTER GA 5500VA**

**FEATURES**



- Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging
- Display can be designed with a touch screen panel
- Utility Charging Voltage/PV Charging Voltage Adjustable, Match Different Battery Charging Requirements
- Standard dual AC voltage output
- Battery Reverse Connection Protection with Fuse Switch, Safer Installation
- PF1.0, High Efficiency, Lower Consumption, Energy Conservation/Environmental Protection/Electricity Saving/Cost Saving
- Standard off grid function
- Input/output 110/120VAC
- 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	GA5548YMH	
Input Formation	L+N+PE	
AC Input	110/120VAC	
Input Voltage Range	65-145VAC±3V	
Frequency	60Hz(Adaptive)	
Rated Power	5500W	
Dual Output Power	5500W	
Output Voltage(AC)	110/120VAC±5%	
Output Frequency	60Hz±0.1%	
Output Wave	Pure Sine Wave	
Transfer Time(Adjustable)	10ms for Computer Equipment, 20ms for Household Equipment	
Peak Power	11000VA	
Overload Ability	Battery Mode: 11s@105%~150% Load; 2s@150%~200% Load; 400ms@>200% Load	
Grid connected Operation	Output Voltage	110/120VAC
	Grid Voltage Range	90-140VAC
	Grid Frequency Range	47-53±1Hz/57-62±1Hz
	Output Current	50A
	Power Factor Range	>0.99
	Max efficiency (DC/AC)	98%
Rated Voltage	48VDC	
Constant Charging Voltage	56.4Vdc	
Float Charging Voltage	54VDC	
PV Charging Method	MPPT	
Max PV Input Power	8500W	
PV Input Voltage Range	60~500VDC	
MAX PV Input Voltage	500VDC	
MAX PV Input Current	27A	
MAX PV Charge Current	100A	
MAX AC Charge Current	40A	
MAX Charge Current	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	
Operating Temperature	-10°C~50°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	