








ENERGY STORAGE INVERTER LA 5500VA~11000VA



FEATURES

-  Pure sine wave output
-  PV priority, mains priority or battery priority
-  Grid-feed function is optional
-  Battery capacity is flexible for expanding if necessary
-  Using lithium iron phosphate battery pack, up to 10,000 cycles at 25°C

APPLICATION



Farming



Ships



Family



Courts

LA SERIES
PARAMETERS

Model	LA5548SMHG	LA11048SMHG
Rated Power	5500VA/5500W	11000VA/11000W
Input		
Voltage	230VAC	
Voltage Range	170-280VAC(UPS Mode) 90-280VAC(Inverter Mode)	
Frequency Range	50Hz/60Hz(Adaptive)	
Output		
Output Voltage	230VAC±5%	
Peak Power	11000VA	22000VA
Conversion Efficiency (maximum)	98%	
Output Frequency	50/60Hz±0.1%	
Switching time	10ms for Computer Equipment,30ms for Household Equipment	
Output Waveform	Pure Sine Wave	
Open Circuit Losses	<55W	<80W
Solar Charging And Mains Charging		
PV Charging Method	MPPT	
Max PV Input	5500W	2×5500W
MPPT Tracking Range	90-500Vdc	
MAX PV Charging Current	100A	150A
MAX AC Charging Current	60A	150A
MAX Charging Current	100A	150A
L×W×H	610x170x370mm	630x250x475mm
Battery Model		
Battery Capacity	5120WH	11776WH
Battery Voltage	51.2VDC	51.2VDC
Battery Type	LiFePo4	
Full Charge Voltage (FC)	56V	
Full Discharge Voltage (FD)	42V	
MAX Continuous Discharge Current	100A	200A
MAX Discharge Current	120A(1 minute)	230A(1 minute)
Protection	BMS,Relay	
Charging Voltage	56V	
Charging Current (recommended)	50A(0.5C)	115A(0.5C)
Charging Current (Max)	100A	200A
L×W×H	610X170X490mm	630X250X525mm