

Off Grid Solar Inverter

LP LPW-MAXII-8000VA LP LPW-MAXII-11000VA

The solar inverter is equipped with a 150A MPPT solar charger, a newly upgraded 5-inch color LCD display and touchable button. It can also access the data and record it in the inverter to facilitate tracking of the inverters operating status .



Main Features:

1. Customizable status LED rings with RGB lights.
2. Touchable buttons with large 5inch colored LCD.
3. Built-in Wi-Fi for mobile monitoring (Android/iOS App is available).
4. Supports USB On-the-Go function.
5. Datalog events are stored in the inverter.
6. Reserved communication port for BMS (RS485, CAN- BUS, or RS232).
7. Replaceable fan design for ease maintenance.
8. Battery is independent design.
9. Configurable AC/PV output usage timer and prioritization.
10. Selectable high power charging current.
11. Compatible with Utility Mains or generator input.
12. Built-in DC output for DC fan, LED bulb, router and so on.
13. Parallel operation with 6 units.

High Frequency Solar Inverter

Technical Specifications:

Model	LP LPW-MAXII-8000VA	LP LPW-MAXII-11000VA
Rated Power	8000VA/8000W	11000VA/11000W
Parallel Capability	Yes,6 units	
INPUT		
Voltage	230 VAC	230VAC
Select-able Voltage Range	170-280VAC (For Personal computers)	90-280VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)	50 Hz/60 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	14880VA	20460VA
Efficiency (Peak)	93%	
Transfer Time	15ms(For Personal Computers), 20ms(For Home Appliances)	
Waveform	Pure sine wave	
No Load Power Consumption	<70W	
DC Voltage (Optional)	12VDC ± 5%, 100W	
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	66 VDC	
SOLAR CHARGER & AC CHARGER		
Solar charger type	MPPT	
Max PV Array Power	8000W (4000Wx2)	11000W (5500Wx2)
MPP Range @operating Voltage	90~450VDC	90~450VDC
Max PV Array Open Circuit Voltage	500VDC	500VDC
Max Solar Charge Current	150A	150A
Max AC Charge Current	120A	150A
Max Charge Current	150A	150A
PHYSICAL		
Dimension, D x W x H (mm)	158.4 x 502.5x 530.8	158.4 x 502.5x 530.8
Net Weight (kgs)	19	21
Communication Interface	USB/RS232/RS485/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	- 10℃ to 50℃	
Storage Temperature	- 15℃ to 60℃	
STANDARD		
Compliance Safety	CE	