ZLPOWER

PVM Plus Parallel

Features:

1. Customizable status LED ring with RGB lights
2. Touchable buttons with large 5 inch 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.

PVM Plus Parallel Off-Grid Inverter Selection Guide

MODEL	PVM Plus 8000	PVM Plus 11000
Rated Power	8000VA/8000W	11000VA/11000W
Parallel Capability	Yes,6 units	
INPUT		
Voltage	230 VAC	230 VAC
Select-able Voltage Range	170-280VAC (For Personal computers)	90-280VAC (For Hone 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	16000VA	20000VA
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 (4000W x 2)	11000W (5500W x 2)
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 502.5 x 530.8	158.4 x 502.5 x 530.8
Net weight(kgs)	19	21
Communication interface	USB/RS232/RS485/WIFI/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C~ 60°C	
STANDARD		
Compliance Safety	CE	

Product specifications are subject to change without further notice.