

▼ MPS-V II Series

Hybrid Solar Inverter



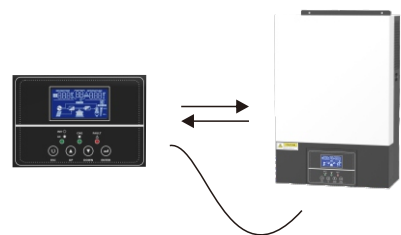
»» Features

- Pure sine wave solar inverter
- Wifi&GPRS available for IOS and android
- Built-in 100A MPPT solar charger
- Built-in anti-dusk kit for harsh environment
- Remove LCD
- Output power factor 1.0
- Inverter running without battery
- High PV input voltage range(120~500VDC)
- Smart battery charge design to optimize battery life

»» System Digram

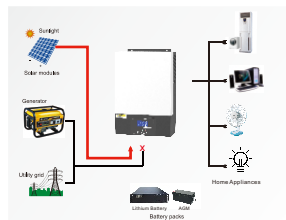
- Detachable LCD control module with various communications

The detachable LCD control module can be disassembled. Equipped with remote control line up to 20m. Users can monitor and set up inverters far away.

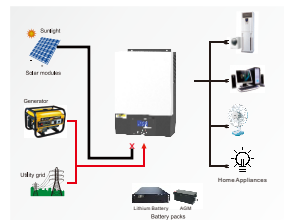


- Working with or without battery

- Operation without battery connected
- Solar Power available



AC Power available



- It is applicable to the lithium battery system Customizable BMS system



- Detachable LCD control module users can be free and practical



»» Product Data Sheet

MODEL	MPS-V II-3500W	MPS-V II-5500W
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	7000VA	11000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX.PV Array Power	5000W	6000W
MPPT Range@ Operating Voltage	120-450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	440*300*100	
Net Weight (kgs)	11kg	12kg
Communication Interface	REMOVE LCD/RS232(Standard) GPRS/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	