Hybrid Solar Inverter

》》 Features

- ▪ *Pure sine wave solar inverter*
- ▪ *Wifi&GPRS available for IOS and android*
- ▪ *Buit-in 100A MPPT solar charger*
- ▪ *Buit-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.

• **Wifi&GPRS available for IOS and android**

Optional WIFI or GPRS version remote monitoring
Compatible with Android and IOS versions, with computer
clients, mobile clients;With a cloud platform, users can customize
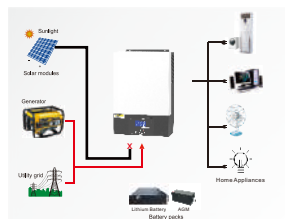and create their own accounts and permanently save data

• **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	