

▼ MPS-V II Series

Hybrid Solar Inverter



- 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-5500W
Rated Power	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	11000VA
	97%
	94%
Transfer Time	10ms (for personal computers) 20ms (for home appliances)
Wave form	Pure Sine Wave
BATTERY & AC CHARGER	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge Protection	63VDC
Maximum charge current	80A
SOLAR CHARGER	
MAX.PV Array Power	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)	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

»» Features

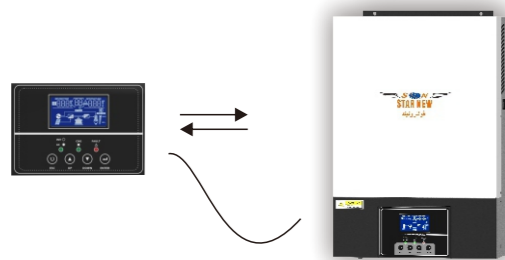
- Pure sine wave solar inverter
- Wifi&GPRS available for IOS and android
- Built-in 100A MPPT solar charger
- Built-in anti-dusk kit or harsh environment
- Remove LCD
- Output power factor 1.0
- Inverter running without battery
- High PV input voltage range(120~500VDC)
- Smart battery charge design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

»» System Diagram

- 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.

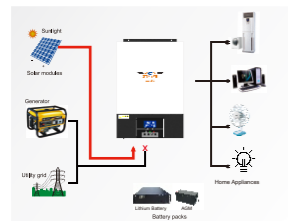
- Wifi&GPRS available for IOS and android
- Optional WIFI or GPRS version remote monitoring Compatible with Android and IOS versions, with computer clients, mobile clients;With a cloud platform, users can customize and create their own accounts and permanently save data



- Working with or without battery

■ Operation without battery connected

Solar Power available



AC Power available

