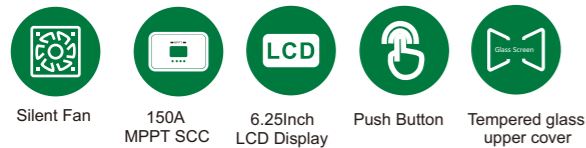


# MPS-VX SERIES

Hybrid Solar Inverter

WIFI(optional)

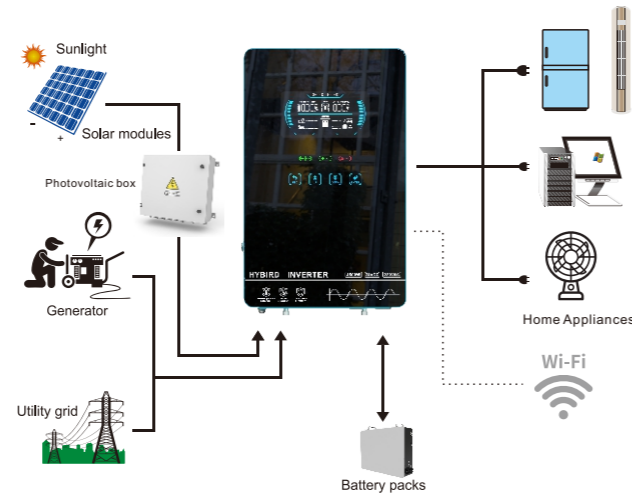
LCD remote control(optional)



## »» Features

- Pure sine wave output inverter
- The product is compact and beautiful, with 6.25 inch LCD display and touch buttons
- The utility input voltage range can be selected according to the requirements of the load (home appliance/PC)
- Battery charging current can be set via LCD according to load requirements
- Smart battery charging design makes the battery more fully utilized/utility/battery priority input mode can be set via LCD display
- LCD display Compatible with mains and generator inputs/utility and PV complementary power supply loads to ensure maximum utilization of PV
- Auto restart function when PV/utility recovers
- Overload, high temperature, inverter output short circuit protection
- Cold start functions special mode for lithium battery to prolong the battery life
- Support different communication methods:RS232/RS485/WIFI/Bluetooth
- WIFI monitoring and setting(optional)
- Dust filter(optional)

## »» Solar System Connection



## »» Overview



## »» Product Data Sheet

MODEL	MPS-VX 4.5KW	MPS-VX 6.5KW	MPS-VX 7.2KW
Rated Power	4500W	6500W	7200W
<b>INPUT</b>			
Voltage	230VAC		
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)		
Frequency Range	50Hz/60Hz (Auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt.Mode)	230VAC±5%		
Surge power	9000VA	13000VA	14400VA
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		
<b>BATTERY &amp; AC CHARGER</b>			
Battery Voltage	28.2VDC	56.4VDC	56.4VDC
Floating Charge Voltage	27VDC	54VDC	54VDC
Overcharge Protection	32VDC	63VDC	63VDC
Maximum charge current	150A	130A	150A
<b>SOLAR CHARGER</b>			
MAX.PV Array Power	5500W	6500W	8000W
MPPT Range@ Operating Voltage	120-450VDC		
Maximum PV Array Open Circuit Voltage	450VDC		
Maximum Charging Current	150A	130A	150A
Maximum Efficiency	99%		
<b>PHYSICAL</b>			
Dimension.D*W*H(mm)	400*250*85mm		
Net Weight (kgs)	3.5kg		
Communication Interface	RS485/RS232(Standard) LCD remote/WIFI(Optional)		
<b>OPERATING ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	0°C to 55°C		
Storage Temperature	-15°C to 60°C		