

»» Product Data Sheet

MODEL	MPS-VX 4.5KW	MPS-VX 6.5KW	MPS-VX 7.2KW
Rated Power	4500W	6500W	7200W
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	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		
BATTERY & AC CHARGER			
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
SOLAR CHARGER			
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%		
PHYSICAL			
Dimension.D*W*H(mm)	400*250*85mm		
Net Weight (kgs)	3.5kg		
Communication Interface	RS485/RS232(Standard) LCD remote/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		

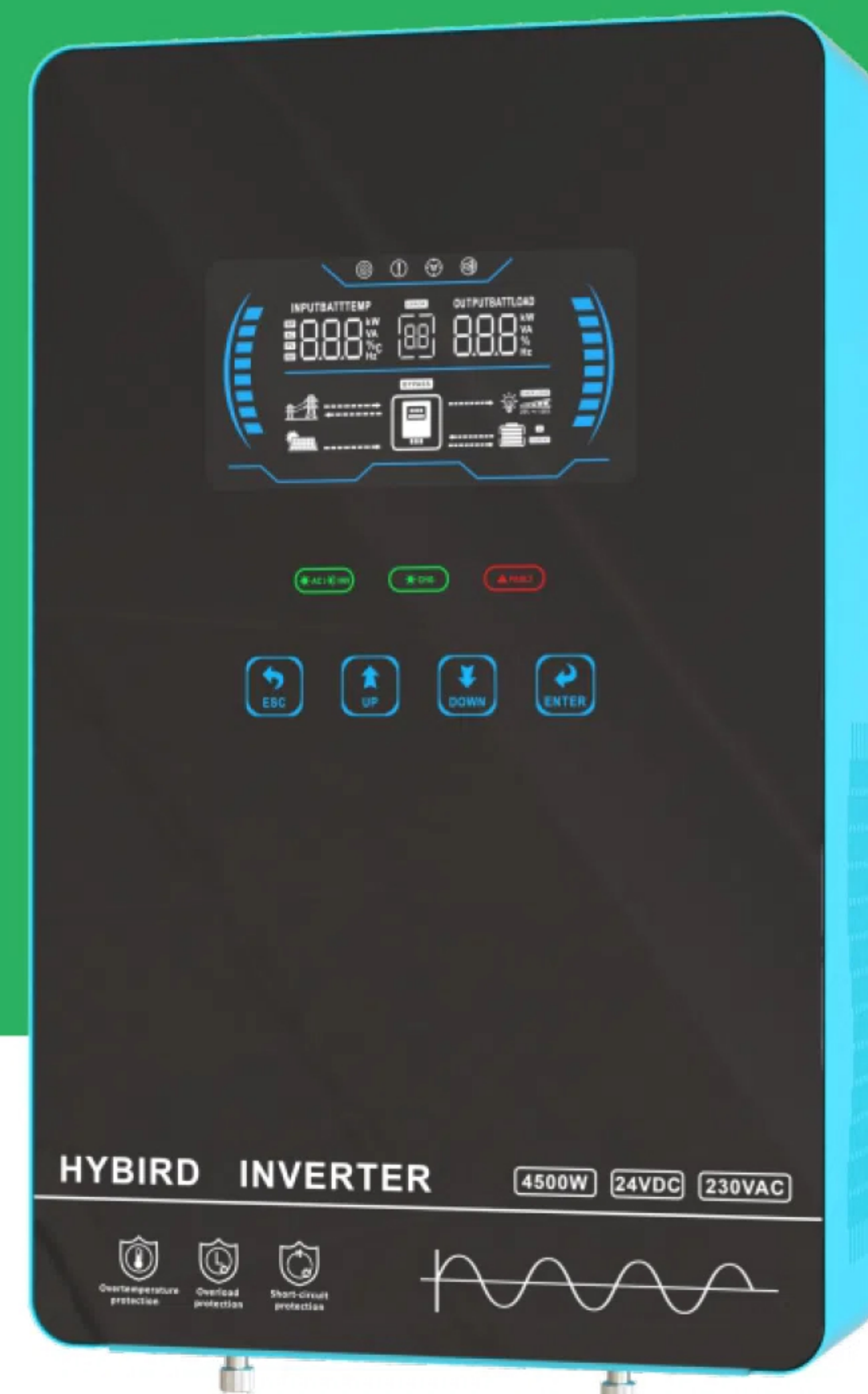
MPS-VX SERIES

Hybrid Solar Inverter

WIFI(optional)



LCD remote control(optional)



Silent Fan



150A
MPPT SCC



6.25Inch
LCD Display



Push Button

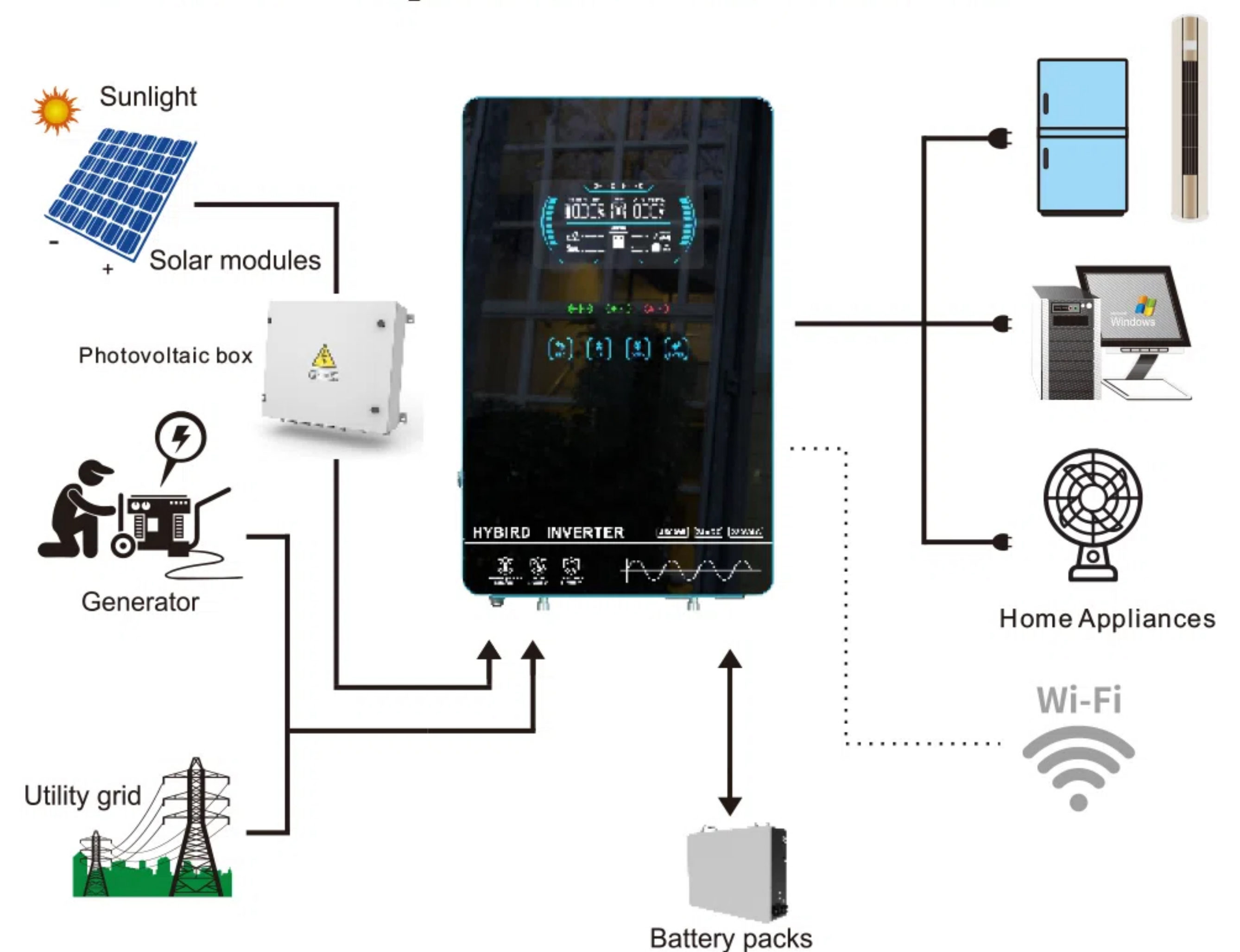


Tempered glass
upper cover

»» 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 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

