

RP Series

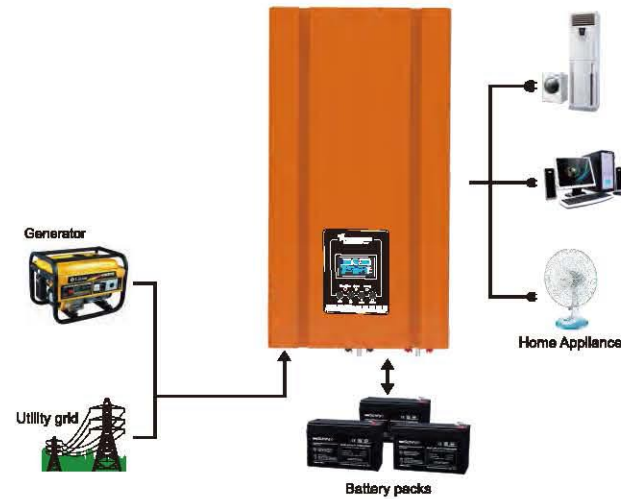
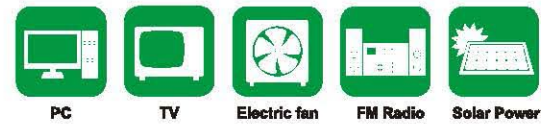
RP 3-6KW

PURE SINE WAVE INVERTER

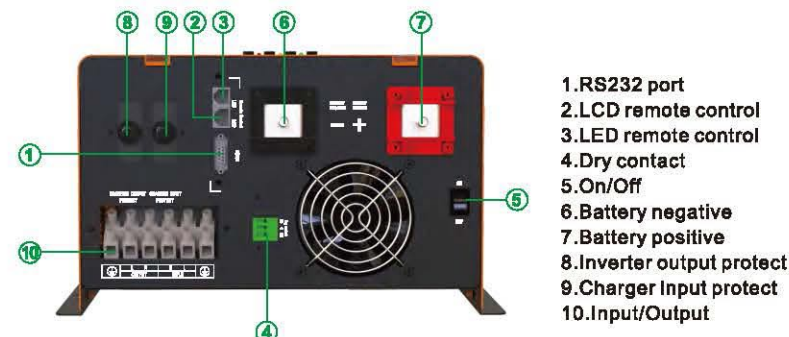
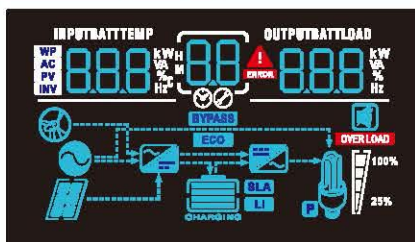


Features:

- Pure sine wave inverter
- Output power factor 1
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Battery input priority via LCD setting
- Configurable power saving mode via LCD setting.
- Compatible with generator power
- Dry contact port for generator to realize mutual control by generator and utility
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Smart fan running control to extend service life and reduce noise
- Color LCD display
- Supports the use of lithium batteries
- Wave by wave phase detection, more stable and reliable
- RS232 communicate port and Remote control panel optional



LCD display:



1. RS232 port
2. LCD remote control
3. LED remote control
4. Dry contact
5. On/Off
6. Battery negative
7. Battery positive
8. Inverter output protect
9. Charger Input protect
10. Input/Output

Model	RP 3000	RP 4000	RP 5000	RP 6000
Rated Power	3000VA/3000W	4000VA/4000W	5000VA/5000W	6000VA/6000W
INPUT				
Voltage	100/110/120Vac; 220/230/240Vac			
Selectable Voltage Range	Wide Range: 75vac- 138 vac ; 155vac-275vac (for home appliances) Narrow Range: 82vac- 138VAC ; 165vac- 275vac (for Personal computer)			
Frequency Range	40-70HZ (50Hz/60Hz)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	100/110/120Vac(± 5V); 220/230/240Vac(± 10V)			
Surge Power	9000VA	12000VA	15000VA	18000VA
Efficiency(Peak)	91%			
Transfer Time	<10ms			
Waveform	Pure sine wave			
BATTERY				
Battery Voltage	24V	48V	24V	48V
Charge Current	50A	25A	70A	35A
Fast charge voltage	28.6VDC	57.2VDC	28.6VDC	57.2VDC
Float charge voltage	27.4VDC	54.8VDC	27.4VDC	54.8VDC
Over voltage protect	33.0VDC	66.0VDC	33.0VDC	66.0VDC
Battery low voltage alarm	21.0VDC	42.0VDC	21.0VDC	42.0VDC
Battery low voltage shutdown	20.0VDC	40.0VDC	20.0VDC	40.0VDC
Protection	Over charging, over temp, over battery voltage, over load, short-circuit			
Operating environment temperature	55 °C			
Cooling	Intelligent Fan			
Display	Color LCD			
Specification Setting	By LCD or Position Machine : Charging Current, Battery Type, Input Voltage, Output Frequency, Wide and Narrow range of AC input voltage, Power-saver Model, AC Priority or Battery Priority;			
PHYSICAL				
Dimension,DxWxH(mm)	500x258x190	574x345x197		
Net Weight (kgs)	25.2/24.6	34.4/33.8	37.9/38.2	41.6/40.5
ENVIRONMENT				
Humidity	5-95% Relative Humidity (Non-condensing)			
Operating Temperature	-10°C to 50°C			
Storage Temperature	-15°C to 60°C			

