

PURE SINE WAVE INVERTER
RP 1-2KW



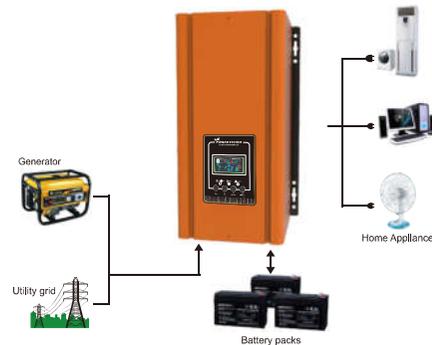
Inverter RP Series

Model	RP 1000	RP 2000
Rated Power	1000VA/1000W	2000VA/2000W
INPUT		
Voltage	100/110/120Vac; 220/230/240Vac	
Selectable Voltage Range	Wide Range: 75vac-138vac;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(± 10V); 220/230/240Vac(± 10V)	
Surge Power	2000VA	4000VA
Efficiency(Peak)	88%	
Transfer Time	<20ms	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	12V	24VDC
Charge Current	35A	35A
Fast charge voltage	14.3VDC	28.6VDC
Float charge voltage	13.7VDC	27.4VDC
Over voltage protect	16.5VDC	33.0VDC
Battery low voltage alarm	10.5VDC	21.0VDC
Battery low voltage shutdown	10VDC	20.0VDC
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)	390x222x178(mm)	
Net Weight (kgs)	11.4	15
ENVIRONMENT		
Humidity	5-95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

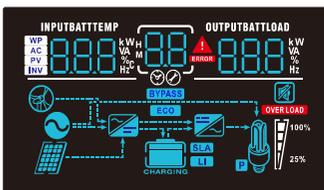


Features:

- 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
- Compatible with generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Color LCD display
- Supports the use lithium batteries
- Wave by wave phase detection, more stable and reliable



LCD display:



1. On/Off
2. Battery negative
3. Battery positive
4. Input/Output



PURE SINE WAVE INVERTER
RP 3-6KW

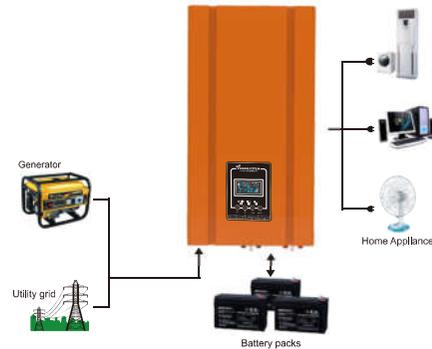
Inverter RP Series

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(±10V); 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	24V	48V	24V	48V
Charge Current	50A	25A	70A	35A	75A	45A	75A	50A
Fast charge voltage	28.6VDC	57.2VDC	28.6VDC	57.2VDC	28.6VDC	57.2VDC	28.6VDC	57.2VDC
Float charge voltage	27.4VDC	54.8VDC	27.4VDC	54.8VDC	27.4VDC	54.8VDC	27.4VDC	54.8VDC
Over voltage protect	33.0VDC	66.0VDC	33.0VDC	66.0VDC	33.0VDC	66.0VDC	33.0VDC	66.0VDC
Battery low voltage alarm	21.0VDC	42.0VDC	21.0VDC	42.0VDC	21.0VDC	42.0VDC	21.0VDC	42.0VDC
Battery low voltage shutdown	20.0VDC	40.0VDC	20.0VDC	40.0VDC	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							

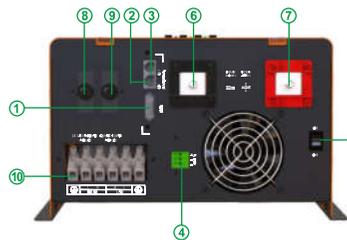
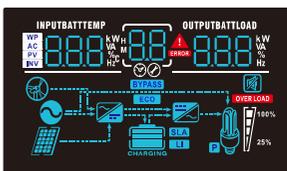


Features:

- 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 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



PURE SINE WAVE INVERTER
RP 8-12KW

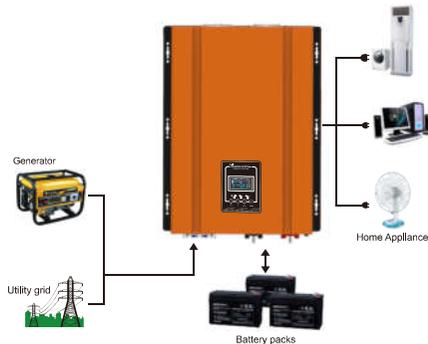


Inverter RP Series

Model	RP 8K		RP 10K		RP 12K	
Rated Power	8KVA/8KW		10KVA/10KW		12KVA/12KW	
INPUT						
Voltage	220/230/240Vac					
Selectable Voltage Range	Wide Range: 170vac-265vac (for home appliances) Narrow Range: 195vac-265vac (for Personal computer)					
Frequency Range	40-70HZ (50Hz/60Hz)					
OUTPUT						
AC Voltage Regulation (Batt. Mode)	220/230/240Vac(± 10V)					
Surge Power	24KVA		30KVA		36KVA	
Efficiency(Peak)	90%					
Transfer Time	<20ms					
Waveform	Pure sine wave					
BATTERY						
Battery Voltage	48V	96VDC	48V	96VDC	48V	96VDC
Charge Current	70A	35A	75A	40A	75A	50A
Fast charge voltage	57.2VDC	114.4VDC	57.2VDC	114.4VDC	57.2VDC	114.4VDC
Float charge voltage	54.8VDC	109.6VDC	54.8VDC	109.6VDC	54.8VDC	109.6VDC
Over voltage protect	66.0VDC	132.0VDC	66.0VDC	132.0VDC	66.0VDC	132.0VDC
Battery low voltage alarm	42.0VDC	84.0VDC	42.0VDC	84.0VDC	42.0VDC	84.0VDC
Battery low voltage shutdown	40.0VDC	80.0VDC	40.0VDC	80.0VDC	40.0VDC	80.0VDC
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)	584x425x180					
Net Weight (kgs)	58.7/59		67/66.5		71.8/72	
ENVIRONMENT						
Humidity	5-95% Relative Humidity (Non-condensing)					
Operating Temperature	-10°C to 50°C					
Storage Temperature	-15°C to 60°C					

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