

**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

**Product Data Sheet:**

MODEL	RP 1000	RP 2000	RP 3000	RP 4000	RP 5000	RP6000
Rated Power	1000W	2000W	3000W	4000W	5000W	6000W
<b>INPUT</b>						
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	40-70Hz (50Hz/60Hz)		100/110/120VAC ( $\pm 5V$ ); 220/230/240VAC ( $\pm 10V$ )			
<b>OUTPUT</b>						
AC Voltage Regulation (Batt Mode)	100/110/120VAC ( $\pm 5V$ ); 220/230/240VAC ( $\pm 10V$ )					
Surge Power	2000VA	4000VA	9000VA	12000VA	15000VA	18000VA
Efficiency (Peak)	88%		91%			
Transfer Time	<20ms		< 10ms			
Wave form	Pure sine wave					
<b>BATTERY</b>						
Battery Voltage	12V	24V	12V/24V/48V	24V/48V	24V/48V	24V/48V

Charge Current	75A	35A	75A/50A/25 A	70A/35A	75A/45A	75A/50A
Fast Charge Voltage	14.3VDC for 12V (*2 for 24 , * 4 for 48V)					
Float Charge Voltage	13.7VDC for 12V(*2 for 24V, *4 for 48V)					
Battery Low Voltage Alarm	16.5VDC for 12V (*2for 24V, *4 for48V)					
Over Voltage Protect	10.5VDC for 12V (*2 for 24V, *4 for 48V)					
Battery Low Voltage Shutdown	10.0VDC for 12V (*2 for 24V, *4 for 48V)					
Protection	over charging, over temp, over battery voltage, over load, short-circuit					
Operating Environment Temperature	55°C					
Cooling	Intelligent Fan					
Display	LCD					
Specification Setting	By LCD or position machine: Charging current, battery type, input voltage, output frequency, wide and narrow of AC input voltage, power-saver model, AC priority or battery priority					
<b>PHYSICAL</b>						
Dimension, (D*W*H)mm	390*222*178		500*258*190	574*345*197		
Net Weight (kg)	11.4	15	25.2/24.6	34.4/33.8	37.9/38.2	41.6/40.5
<b>ENVIROMENT</b>						
Humidity	5~95% Relative humidity (No-condensing)					
Operating Temperature	-10°C~50°C					
Storage Temperature	-10°C~60°C					