

▼ RP Series

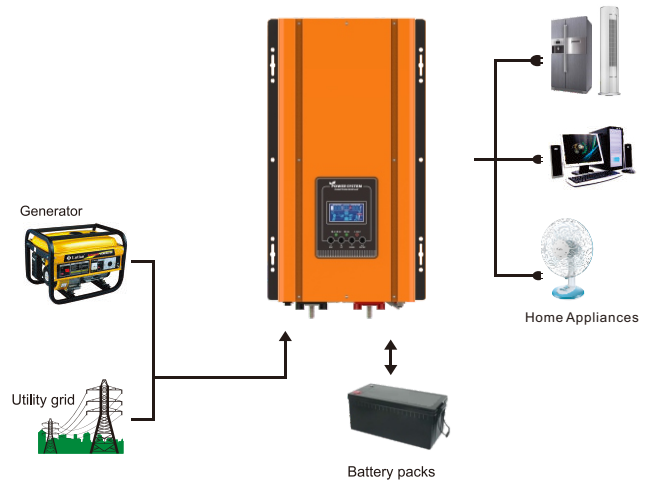
Power Inverter (1000W-6000W)



»» 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

»» Connection



»» Overview



»» Remote(optional)



»» Product Data Sheet

| MODEL | RP 1000 | RP 2000 | RP 3000 | RP 4000 | RP 5000 | RP 6000 |
|----------------------------------|---|---------|--|-------------|-----------|-----------|
| Rated Power | 1000W | 2000W | 3000W | 4000W | 5000W | 6000W |
| 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) | | | | | |
| Frequenc | 40-70Hz (50Hz/60Hz) | | 100/110/120Vac(±5V);220/230/240Vac(±10V) | | | |
| OUTPUT | | | | | | |
| AC Voltage Regulation(Batt Mode) | 100/110/120Vac(±5V);220/230/240Vac(±10V) | | | | | |
| Surge Power | 2000VA | 4000VA | 9000VA | 12000VA | 15000VA | 18000VA |
| Efficiency(Peak) | 88% | | 91% | | | |
| Transfer Time | < 20ms | | < 10ms | | | |
| Wavefrom | Pure sine wave | | | | | |
| BATTERY | | | | | | |
| Battery Voltage | 12V | 24V | 12V/24V/48V | 24V/48V | 24V/48V | 24V/48V |
| Charge Current | 35A | 35A | 75A/50A/25A | 70A/35A | 75A/45A | 75A/50A |
| Fast Charge Voltage | 14.3VDC for 12V (*2 for 24V,*4 for 48V) | | | | | |
| Float Charge Voltage | 13.7VDC for 12V (*2 for 24V,*4 for 48V) | | | | | |
| Battery Low Voltage Alarm | 16.5VDC for 12V (*2 for 24V,*4 for 48V) | | | | | |
| 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 Enviroment 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 | | | | | |
| PHYSICAL | | | | | | |
| Dimension,(D*W*H)mm | 390*222*178 | | 500*258*190 | 574*345*197 | | |
| Net Weight (kgs) | 11.4 | 15 | 25.2/24.6 | 34.4/33.8 | 37.9/38.2 | 41.6/40.5 |
| ENVIROMENT | | | | | | |
| Humidity | 5~95% Relative humidity (No-condensing) | | | | | |
| Operating Temperature | -10~50°C | | | | | |
| Storage Temperature | -10~60°C | | | | | |



PC



TV



Electric fan



FM Radio



Solar Power

RP Series

Power Inverter (8-12K)



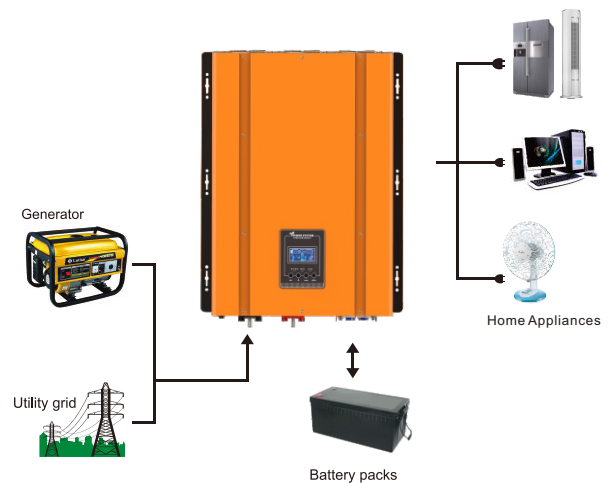
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- Pure sine wave inverter
- Output power factor 1
- Selectable high power charging current
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- Configurable AC/battery input priority via LCD setting
- Compatible with generator power
- Auto restart 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
- Smart fan running control to extend service life and reduce noise
- Supports the use lithium batteries
- Wave by wave phase detection, more stable and reliable
- RS232 communicate port and remote control panel optional

»» Overview



»» Connection



»» Remote(optional)



»» Product Data Sheet

| MODEL | RP 8000 | | RP 10000 | | RP 12000 | |
|----------------------------------|---|-----|----------|-----|----------|-----|
| Rated Power | 8000W | | 10000W | | 12000W | |
| 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) | | | | | |
| Frequenc | 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 | | | | | |
| Wavefrom | Pure sine wave | | | | | |
| BATTERY | | | | | | |
| Battery Voltage | 48V | 96V | 48V | 96V | 48V | 96V |
| Charge Current | 70A | 35A | 75A | 40A | 75A | 50A |
| Fast Charge Voltage | 57.2VDC for 48V (*2 for 96V) | | | | | |
| Float Charge Voltage | 54.8VDC for 48V (*2 for 96V) | | | | | |
| Battery Low Voltage Alarm | 42.0VDC for 48V (*2 for 96V) | | | | | |
| Over Voltage Protect | 66.0VDC for 48V (*2 for 96V) | | | | | |
| Battery Low Voltage Shutdown | 40.0VDC for 48V (*2 for 96V) | | | | | |
| Protection | Over charging,over temp,over battery voltage,over load,short-circuit | | | | | |
| Operating Enviroment 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 | | | | | |
| PHYSICAL | | | | | | |
| Dimension,(D*W*H)mm | 584*425*180 | | | | | |
| Net Weight (kgs) | 58.7/59 | | 67/66.5 | | 71.8/72 | |
| ENVIROMENT | | | | | | |
| Humidity | 5~95% Relative humidity (No-condensing) | | | | | |
| Operating Temperature | -10~50°C | | | | | |
| Storage Temperature | -10~60°C | | | | | |



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