











>>> Features

-  Low no-load loss, lower than high-frequency machines with the same power rate
-  Pure sine wave output, suitable for different loads
-  Multiple parameters can be adjusted according to user needs
-  Slim Body, Convenient installation And Transportation
-  Battery Reverse Connection Protection with Fuse Switch, Safer installation
-  Optional solar controller with MPPT
-  High Precision of output Voltage, Take Care of Your Appliances
-  External WiFi/BMS function for lithium battery

| Model | | RT2012TE | RT3024TE |
|---------------------|---------------------------------------|---|------------|
| AC input voltage | AC Input | 220VAC/110VAC | |
| | Input Voltage Range | 90-280VAC+3V(Normal Mode)170-280VAC+3V(UPS Mode) | |
| | Input Frequency | 50/60Hz±5% | |
| Output | Rated Power | 1600W | 3000W |
| | Output Voltage | The output voltage under mains power is the same as the input voltage | |
| | Output Frequency | The output frequency under mains power is the same as the input frequency | |
| | Output Voltage | 220VAC±10%(110VAC±10%) | |
| | Output Frequency | 50HZ or 60HZ±1% | |
| | Output wave | Pure sine Wave | |
| Battery | Battery Type | External lead-acid battery,Gel battery, water battery or Lithium battery | |
| | Rated Voltage | 12VDC | 24VDC |
| | Constant Charging Voltage(Adjustable) | 14.1VDC | 28.2VDC |
| Charge | Maximum Photovoltaic Array Power | 2000W | 3000W |
| | PV Input Voltage Range | 40V-450VDC | 40V-500VDC |
| | MAX PV Input Voltage | 400VDC | 500VDC |
| | Best VMP Working Range | 300-400VDC | 300-400VDC |
| | MAX PV Charge Current | 60A | 100A |
| | MAX AC Charge Current | 60A | 60A |
| | Transfer Time | ≤10ms(UPS Mode)/ ≤20ms(INV Mode) | |
| | Overload Ability | Battery Mode:21s@105%~150% Load 11s@150%~200% Load 400ms@>200% Load | |
| Protect | AC | Input overcurrent without fuse switch protection | |
| | Inversion | overload, short circuit , low voltage, battery reverse connection protection (fuse) | |
| Display | Display screen | Color segment code screen | |
| | Flipping Pages | Can display operating mode/load/input/output | |
| | LED | LED lights display mains power, charging status, inverter status, and fault status | |
| Ambient Temperature | Operating Temperature | -10°C~50°C | |
| | Storage Temperature | -10°C~60°C | |
| | Sound On | The alarm sound of the buzzer varies depending on the fault code | |
| | Operating Environment Humidity | 20%~90% Non Condensing | |
| | Noise | ≤ 50dB | |
| Dimension | L*W*H(mm) | 345*254*105mm | |