

# WHSYP Solar Power System

## WHSYP-1000W



USA AUSTRALIA UNIVERSAL Europe+USA+Japan UK SOUTH AFRICA FRANCE GERMANY



### Technical Parameters

| Model                     | WHSYP-1000               |   |
|---------------------------|--------------------------|---|
| Rated power               | 1000W                    |   |
| Peak power                | 2000W                    |   |
| Input voltage             | DC12V                    |   |
| Output voltage            | 110VAC or 220VAC±5%      |   |
| Unload current less than  | 0.8A                     |   |
| Output frequency          | 50Hz±0.2Hz or 60Hz±0.2Hz |   |
| Output waveform           | Pure Sine Wave           |   |
| Waveform distortion       | THD<3%(Linear load)      |   |
| USB port                  | 5V 1A                    |   |
| Max efficiency            | 90%                      |   |
| Input current             | 10A                      |   |
| Input voltage range       | 10-15.5V                 |   |
| Low voltage alarm         | 10.5±0.5V                |   |
| Low voltage protection    | 10±0.5V                  |   |
| Over voltage protection   | 15.5±0.5V                |   |
| Low voltage recover       | 12.3±0.5V                |   |
| Over voltage recover      | 14.8V±0.5V               |   |
| Protect function          | Low voltage              | Alarm at first, voltage continuously reduce, LED Red light on & shut down.  |
|                           | Over voltage             | LED Red light on, shut down   |
|                           | Over load                | LED Red light on, shut down   |
|                           | Over temperature         | Alarm at first, temperature continuously rise, LED Red light on & shut down |
|                           | Short circuit            | LED Red light on  |
|                           | Input reverse polarity   | Fuse burn-out   |
| Battery Voltage           | 12V                      |   |
| Charging Voltage          | 14.5V±0.3V               |   |
| PV Input Current          | 10-40A                   |   |
| PV Input Voltage          | 25V(Max)                 |   |
| Low Voltage Disconnection | 9.5V±0.5V                |   |
| Low Voltage Reconnection  | 12.6V±0.3V               |   |
| Working temperature       | -10° - +50°              |   |
| Storage temperature       | -30° - +70°              |   |
| Dimension(mm)             | 300x180x128mm            |   |
| Packing(mm)               | 380x240x195mm            |   |
| Net./gross weight(g)      | 4100/4730g               |   |
| QTY/Ctn                   | 4pcs                     |   |
| Meas./Ctn(mm)             | 505x405x420mm            |   |
| Gross weight/Ctn(g)       | 18920g                   |   |
| Warranty                  | 1 years                  |   |
| Configuration             | Standard                 |   |
| Cooling method            | Intelligent air cooling  |   |