

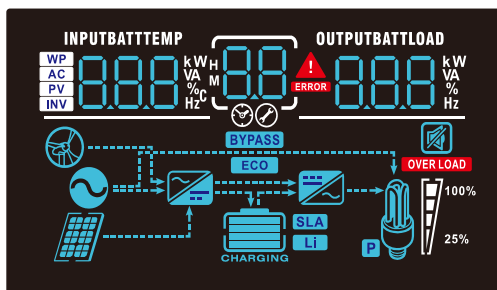
Key Features

- ◆ Low frequency Power Inverter with charger GPSW-II 8-12 KW
- ◆ 2 in 1 Off Grid hybrid design , Inverter + Power Charger
- ◆ Selectable Grid power priority, Solar Power priority or power Saver Modes
- ◆ Use as backup HOME UPS or Off grid solar inverter
- ◆ Low frequency toroidal transformer, Pure sine wave
- ◆ LCD display, Smart setup and simple operation by LCD
- ◆ Adjustable Charge Current , selectable battery type , Supports lithium batteries
- ◆ Selectable AC input range
- ◆ Dry contact port for generator to realize mutual control by generator and utility
- ◆ Auto transfer time 20 Ms, UPS design
- ◆ Comprehensive protection for overload,short-circuit,Battery Low and else
- ◆ Smart fan and Alarm
- ◆ Rs232 / SNMP communication optional , wired Remote control panel optional

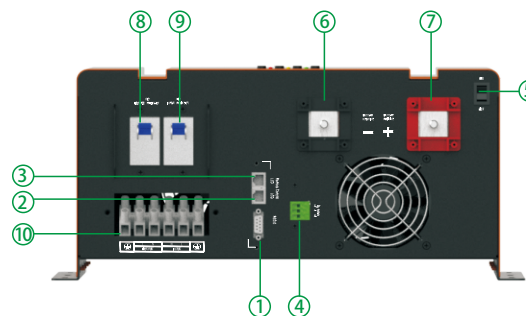


Technical Specifications

| Model | GPSW-II 8K | | GPSW-II 10K | | GPSW-II 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, 220V or 110V ±10V | | | | | |
| | Surge Power | 16KW | | 20KW | | 24KW | |
| | Efficiency(Peak) | 0.9 | | | | | |
| | Transfer Time | <20ms | | | | | |
| BATTERY | Waveform | Pure sine wave | | | | | |
| | 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 |
| | Floatcharge 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; | | | | | | |
| Working mode | Grid priority | UPS Mode, Grid power priority, Battery power (Solar Power) as backup | | | | | |
| | Battery priority | Solar inverter Mode, battery Power priority, Grid power as Backup | | | | | |
| | Power Saver mode | Load > 5% continuous output, < 5% no output and detect load per 10MS | | | | | |
| LCD Display | Working Mode, input and output VAC, HZ, BAT % , Load % , setup working mode, battery type ,Buzzing icon, Fault | | | | | | |
| Optional | RS232 Communication, SNMP Net Agent,Remote Control OPTION | | | | | | |
| ENVIRONMENT | Humidity | 5~95% Relative Humidity (Non-condensing) | | | | | |
| | Operating Temperature | -10°C to 50°C | | | | | |
| | Storage Temperature | -15°C to 60°C | | | | | |
| PHYSICAL | Product Size: L*W*H (mm) | | | 584x425x180 | | | |
| | Net/Gross Weight (kgs) | 58.7/59 | | 67/66.5 | | 71.8/72 | |
| | Package Size:L*W*H (mm) | | | 699*520*254 | | | |



LCD MONITOR FOR DISPLAY AND SETUP



- 1.RS232 port
- 2.LCD remote control
- 3.LED remote control
- 4.Dry contact
- 5.On/Off
- 6.Battery negative
- 7.Battery positive
- 8.AC output protect
- 9.AC input protect
- 10.Output/Input