

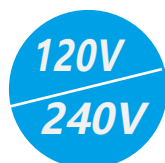


### Main Features

- 4000W Low Frequency Pure Sine Inverter With Charger.
- AC/Battery Priority Selector.
- Automatic Generator Start.
- Safety and Convenient.
- The low frequency inverter can power all kinds of appliances.
- LCD Display, Remote Control.
- Low Idle Consumption.
- 9 battery type settings for charger.
- Multi Stage Smart charger 40+/-5A, charger can be disable.
- 10msec typical transfer time.



Pure Sine Wave Inverter



AC Output



Battery Charger

### Low Frequency Inverter

This LFP Series Pure Sine Wave Inverter is a combination of an inverter, battery charger and AC auto-transfer switch. Low frequency, low Idle Current, BTS cable, remote control. It is UL1741 standard.

### AC Input/Output

The split-phase 4000 watts inverter requires **240VAC input** and can provide **120VAC or 240VAC output** power for all kinds of appliances, and it can output 50 or 60Hz via the SW4.

### AC/Battery Priority

Our inverter is designed with AC priority by default, you can choose the battery priority by SW5 switch.

### Adjustable Charging Current

The max charge current can be adjusted from 0%-100% via a liner switch.

### Auto Gen Start

The battery power inverters can start up a generator when battery voltage goes low, and turn the generator off after battery charging is finished.

| <b>CONTINUOUS OUTPUT POWER</b>   |  | <b>4000W</b>                              |
|--|--|---|
| Surge Rating   |  | 12000W (20 Seconds)                       |
| AC Output  |  | AC 120V and AC 240V                       |
| AC Input   |  | 240V                                      |
| Output Wave  |  | Pure Sine Wave (bypass mode)              |
| Typical Transfer Time  |  | 10ms (MAX)                                |
| Nominal Efficiency   |  | >88%                                      |
| <b>DC Input</b>  |  |   |
| Nominal Input Voltage  |  | 48.0Vdc                                   |
| Minimum Start Voltage  |  | 40.0Vdc                                   |
| Low Battery Alarm  |  | 38.0Vdc-40.0Vdc                           |
| Low battery Trip(select by SW1)  |  | 36.0Vdc-38.0Vdc (select by SW1)           |
| High Voltage Alarm   |  | 64.0Vdc                                   |
| Low battery Voltage Restart  |  | 52Vdc                                     |
| Idle Consumption   |  | 48W                                       |
| Power Saver Model Idle Consumption   |  | 19W                                       |
| <b>AC Charger</b>  |  |   |
| Charger Rate   |  | 40+/-5A                                   |
| AC input Range (Grid or Generator)   |  | 140V-270VAC/184V-253VAC (select by SW2)   |
| Over Charge Protection Shutdown  |  | 62.8V                                     |
| Selectable Charge Setting based on battery type<br>Adjustable charge current |  | off 0%-100%                               |
| Battery charger  |  | 3-step intelligent battery charger        |
| <b>Packaging</b>   |  |   |
| Low Frequency Pure Sine Inverter   |  | 4000W 48V Split                           |
| Accessories  |  | English Manual、 Remote Control、 BTS Cable |
| Unit Weight  |  | 54.9 LB                                   |
| Unit Size  |  | 22. x 9.1 x 7.5 inch                      |
| Shipping Weight  |  | 62.9LB                                    |
| Shipping Size  |  | 26.8 x 13.4 x 13 inch                     |