



### Main Features

- 3000W Low Frequency Pure Sine Inverter With Charger.
- AC/Battery Priority Selector.
- Automatic Generator Start.
- GFCI Socket, Safety and Convenient.
- The low frequency inverter can power all kinds of appliances.
- LCD Display, Remote Control, BTS including.
- Low Idle Consumption.
- 9 battery type settings for charger.
- Multi Stage Smart charger 40A+/-5, charger can be disable.
- 10msec typical transfer time.

**3KW**

Pure Sine Wave Inverter

**120V**

AC Input & Output

**40A**

Battery Charger

### Low Frequency Inverter

This LFP Series 3000W Pure Sine Wave Inverter is a combination of an inverter, battery charger, and AC auto-transfer switch. Low frequency, low Idle Current, BTS cable.

### AC Input/Output

This power inverter 3000W requires **120VAC input** and can provide **120VAC output** power for the 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 inverter can start up a generator when the battery voltage goes low, and turn the generator off after battery charging is finished.

<b>CONTINUOUS OUTPUT POWER</b>		<b>3000W</b>
Surge Rating	9000W (20 Seconds)	
AC Output	120VAC	
AC Input	120VAC	
Output Wave	Pure Sine Wave (bypass mode)	
Typical Transfer Time	10ms (MAX)	
Nominal Efficiency	>88%	
<b>DC Input</b>		
Nominal Input Voltage	24.0Vdc	
Minimum Start Voltage	20.0Vdc	
Low Battery Alarm	19.0Vdc-20.0Vdc	
Low battery Trip(select by SW1)	18.0Vdc-19.0Vdc (select by SW1)	
High Voltage Alarm	32.0Vdc	
Low battery Voltage Restart	26Vdc	
Idle Consumption	46W	
Power Saver Model Idle Consumption	19W	
<b>AC Charger</b>		
Charger Rate	40A +/-5	
AC input Range (Grid or Generator)	90V-135VAC/100V-135VAC (select by SW2)	
Over Charge Protection Shutdown	31.4V	
Selectable Charge Setting based on battery type Adjustable charge current	off 0%-100%	
Battery charger	3-step intelligent battery charger	
<b>Packaging</b>		
Low Frequency Pure Sine Inverter	3000W 24V	
Accessories	English Manual、 Remote Control、 BTS Cable	
Unit Weight	48.5LB	
Unit Size	22.05 x 9.1 x 7.5 inch	
Shipping Weight	57LB	
Shipping Size	26.8 x 13.4 x 13 inch	