



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.

CONTINUOUS OUTPUT POWER		3000W
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%	
DC Input		
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	
AC Charger		
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	
Packaging		
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	