



Main Features

- 6000W 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 90+/-5A, charger can be disable.
- 10msec typical transfer time.

6KW

Pure Sine Wave Inverter

**120V
240V**

AC Output

90A

Battery Charger

Low Frequency Inverter

This LFP Series Pure Sine Wave Inverter is a combination of a 6000-watt inverter, battery charger, and AC auto-transfer switch. Low frequency, low Idle Current, BTS cable, remote control.

AC Input/Output

The split-phase 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 240-volt 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 24V 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		6000W
Surge Rating	18000W (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%	
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	
High Voltage Alarm	32.0Vdc	
Low battery Voltage Restart	26Vdc	
Idle Consumption	77W	
Power Saver Model Idle Consumption	29W	
AC Charger		
Charger Rate	90+/-5A	
AC input Range (Grid or Generator)	140V-270VAC/184V-253VAC (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	6000W 24V Split	
Accessories	English Manual、 Remote Control、 BTS Cable	
Unit Weight	76.7LB	
Unit Size	25.6 x 9.1 x 7.5 inch	
Shipping Weight	85.5LB	
Shipping Size	30.3 x 13.4 x 12.8 inch	