



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 60+/-5A, charger can be disable.
- 10msec typical transfer time.

6KW

Pure Sine Wave Inverter

**120V
240V**

AC Output

60A

Battery Charger

Low Frequency Inverter

This LFP Series 6000 watt 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 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 inverter can start up a generator when 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	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	81W	
Power Saver Model Idle Consumption	30W	
AC Charger		
Charger Rate	60+/-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 Adjustable charge current	off 0%-100%	
Battery charger	3-step intelligent battery charger	
Packaging		
Low Frequency Pure Sine Inverter	6000W 48V 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	