

# LFP4K24V120VSG PURE SINE WAVE INVERTER



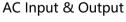
#### **Main Features**

- 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, BTS including.
- Low Idle Consumption.
- 9 battery type settings for charger.
- Multi Stage Smart charger 50+/-5A, charger can be disable.
- 10msec typical transfer time.



Pure Sine Wave Inverter







### Low Frequency Inverter

This LFP Series Pure Sine Wave Inverter 4000 watt is a combination of an inverter, battery charger, and AC auto-transfer switch. Low frequency, low Idle Current, BTS cable, remote control.

### AC Input/Output

This 4000-watt power inverter 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.



#### LFP4K24V120VSG SPECIFICATION SHEET

CONTINUOUS OUTPUT POWER	4000W
Surge Rating	12000W (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
Ildle Consumption	48W
Power Saver Modeldle Consumption	19W
AC Charger	
Charger Rate	50+/-5A
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	4000W 24V
Accessories	English Manual、Remote Control、BTS Cable
Unit Weight	54 LB
Unit Size	22 x 9.1 x 7.5 inch
Shipping Weight	62.8LB
Shipping Size	26.8 x 13.4 x 13 inch