



6000w 48v Low Frequency Pure Sine Wave Off-grid Inverter

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6000W 48V LOW FREQUENCY PURE SINE WAVE OFF-GRID INVERTER

1.Product Introduction

This is 6000W 48V LOW FREQUENCY PURE SINE WAVE OFF-GRID INVERTER, which is with Isolated output transformer to provide users with cleaner energy. Isolated & AVR output let it can work with all loads including motors, refrigerators, air conditioners, etc. This series inverter has complete protection function, input over/low voltage, overload, short circuit, low battery voltage, over temperature etc.

2.Product Parameter (Specification)

Model	WS1K	WS1.5K	WS2K	WS3K	WS4K	WS5K	WS6K	WS7K
Rated power	1KW	1.5KW	2KW	3KW	4KW	5KW	6KW	7KW
Surge power	3KW	4.5KW	6KW	9KW	12KW	15KW	18KW	21KW
AC Input & Output								
Voltage	220VAC							
Selectable Voltage Range	165-275VAC (220VAC)							
Frequency Range	50Hz/60Hz automatic recognition							
AC Voltage Regulation	220vac±3% (DC Batt. mode)							
Transfer Time	≤4ms							
Wave Form	Pure Sine Wave							
Transformer type	Toroidal						UI	
Transfer efficiency	≥90% (full load)							
Battery								
Battery Voltage	12V/24V		12V/24V/48V		24V/48V		48V	
Type	Gel/SLA/AGM/Water/Lithium(lifepo4) Battery							

Foshan Sunrise Energy Technology Co., Ltd.

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DC Charge Voltage	12~16VDC (12V)/20~32VDC (24V)/40~64VDC (48V)							
Overcharge Protection	Battery voltage \geq 16VDC (12V) \geq 32VDC (24V) \geq 64VDC (48V)							
Ac Charger (optional)								
AC Charge Current	1A~35A(adjustable)							
Working mode								
01 mode	AC mains priority mode (ups)							
02 mode	ECO mode (ups)							
03 mode	DC battery priority mode (solar inverter)							
Communication Port(optional)								
Type	USB/RS232/ RS485/SNMP/Wifi							
Physical								
Dimension, D*W*H(MM)	460*235*200				580*335*200			
N.W.(KGS)	9	9.5	18	21	27.5	32	35	40
Environment								
Humidity	0~95% (NO CONDESNSATION)							
Operating Temperature	0~60°C							
Storage Temperature	0~60°C							
*Product Specifications Are Subject To Change Without Further Notice								

3.Product Feature and Application

Main Features:

- 6000W 48V low frequency pure sine wave off-grid inverter;
- DC voltage: 12V/24V/36V/48V;
- AC output voltage: 110V/120V/220V/230V/240V;
 - Frequency: 50/60Hz auto;
 - Pure sine wave & AVR output;
- Selectable charging current based on applications;
- Configurable AC/Solar input priority via LCD setting;
- Compatible to mains voltage or generator power;
- Can with communication RS232/USB/SNMP/Wifi;
- Smart battery charger design to optimize battery performance;
- Stable performance, safe and reliable, long service life.

Application:

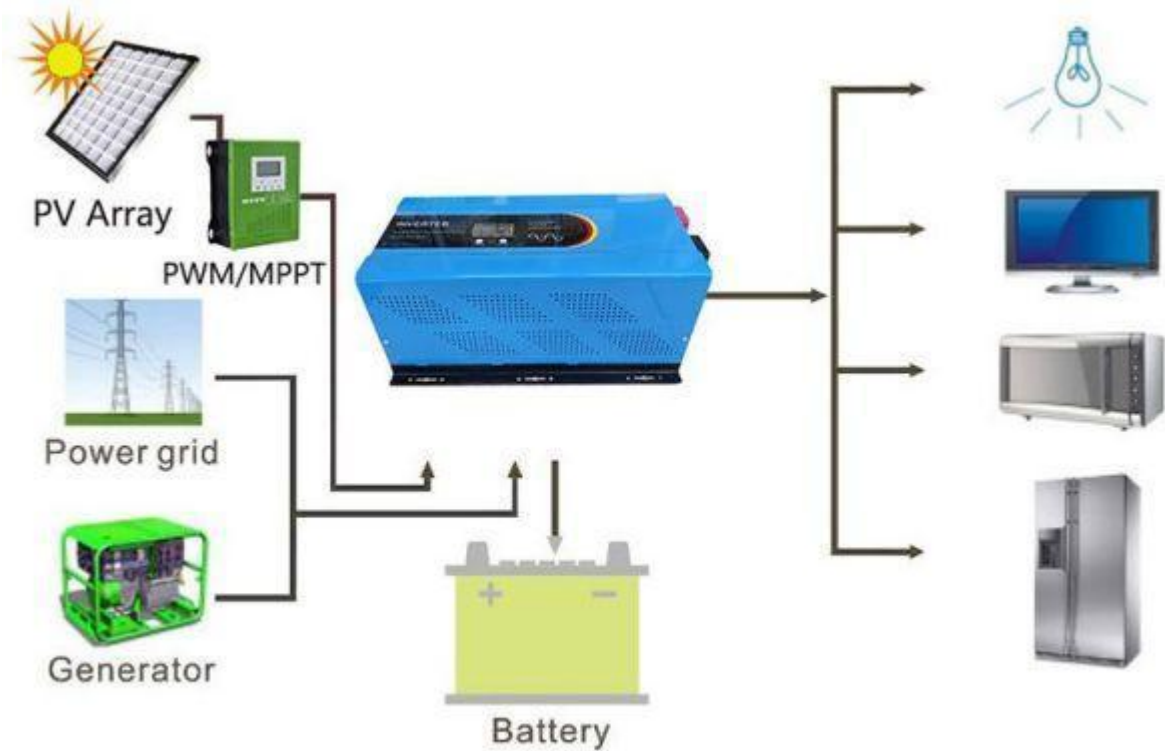
It is an off grid pure sine wave 6kw low frequency inverter for home solar system.

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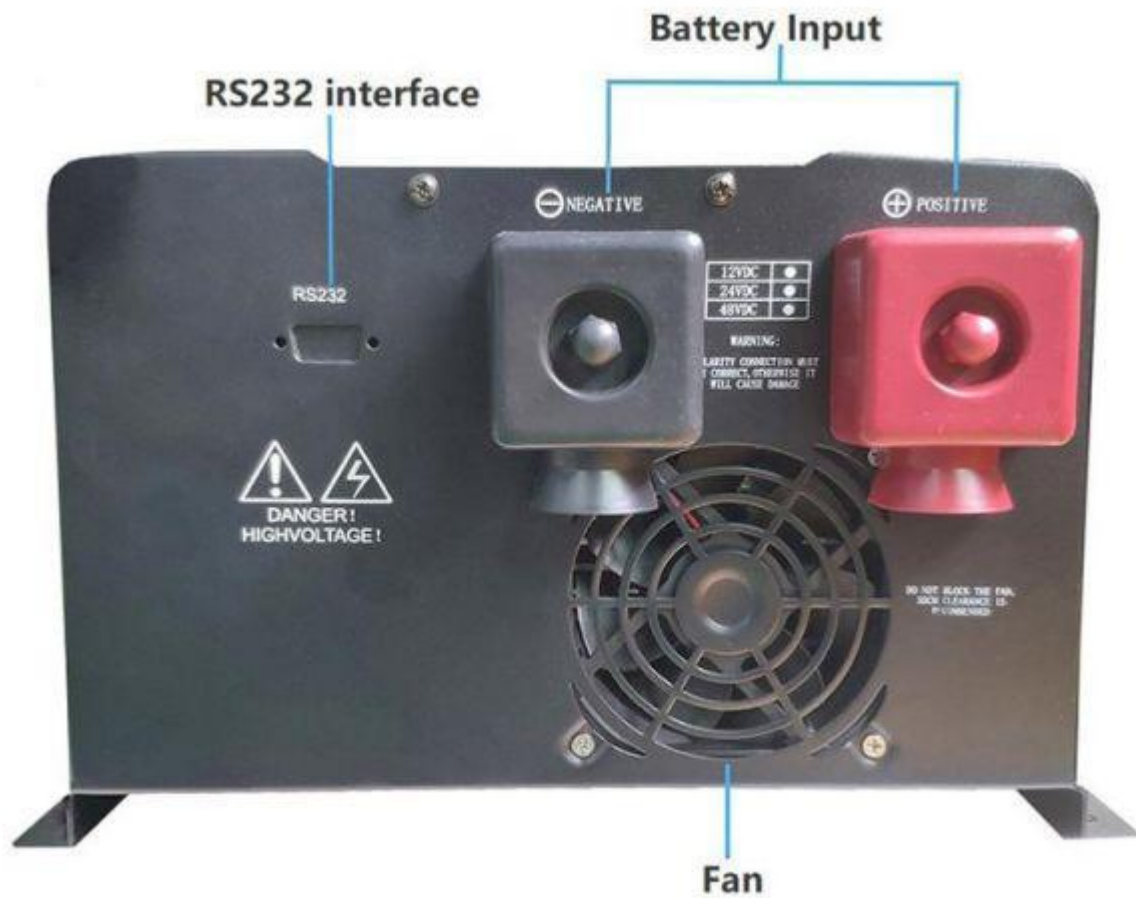


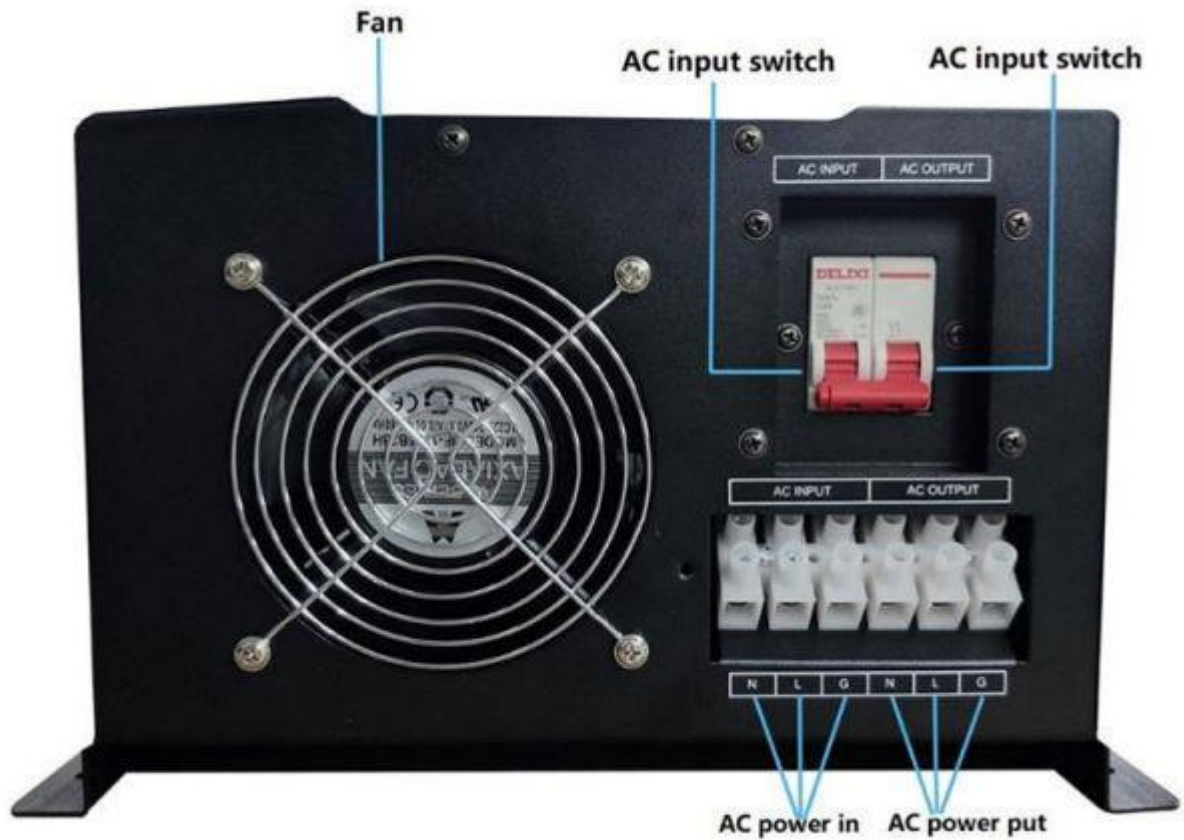
*Tips: Power grid/generator input are optional functions.

4.Product Details

It is 6kw 48v low frequency inverter, can connect AC grid as bypass backup.







5.Product Qualification

Rich production experience & strict quality control. Before leaving the factory, each 6KW Low Frequency Inverter has undergone strict inspections.





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6.FAQ

Q: What's the delivery time of this 6kw solar inverter?

A: some in stock; 10 to 25 days for bulk order.

Q: Is it a 6000w low frequency inverter?

A: yes, low frequency inverter with toroidal transformer

Q: What is the battery voltage of this 6000 watts solar inverters?

A: It is off grid solar inverter 48v 6000w,
Normally single phase 220V 230V 240V 50/60Hz

Q: What is the warranty of this 6000w low frequency solar inverter?

A: One year warranty.

Q: How to solve the technical problem of 6kw inverter?

A: 24 hours after-service consultancy just for you and to make your problem to solve easily.

Q: What's the payment term of this inverter 6kw?

A: T/T, Western Union, Paypal, L/C.

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