



Pure Sine Wave Inverter With Toroidal Transformer

This series 1KW~7KW Pure sine wave inverter with toroidal transformer. This series of inverters has isolation and AVR output, suitable for various loads, including motors, air conditioners, refrigerators, etc. At the same time, it has complete protection functions, including input over/low voltage, overload, short circuit, low battery voltage, over temperature etc.

Pure sine wave inverter with toroidal transformer made in China can be bought with low price from Sunrise, which is a professional high quality Inverter manufacturers in China. We provide customized products service. If you want quotation, you can ask us by leaving a message. We will get back to you as soon as possible.

1.Product Introduction

This series 1KW~7KW Pure sine wave inverter with toroidal transformer. This series of inverters has isolation and AVR output, suitable for various loads, including motors, air conditioners, refrigerators, etc. At the same time, it has complete protection functions, including 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	

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Transfer efficiency	≥90% (full load)							
Battery								
Battery Voltage	12V/24V	12V/24V/48V			24V/48V	48V		
Type	Gel/SLA/AGM/Water/Lithium(lifepo4) Battery							
DC Charge Voltage	12~16VDC (12V)/20~32VDC (24V)/40~64VDC (48V)							
Overcharge Protection	Battery voltage ≥ 16VDC (12V) ≥ 32VDC (24V) ≥ 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℃							
Storage Temperature	0~60℃							
*Product Specifications Are Subject To Change Without Further Notice								

3.Product Feature and Application

Main Features:

- 1KW~7KW Pure sine wave inverter with toroidal transformer;
- 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:

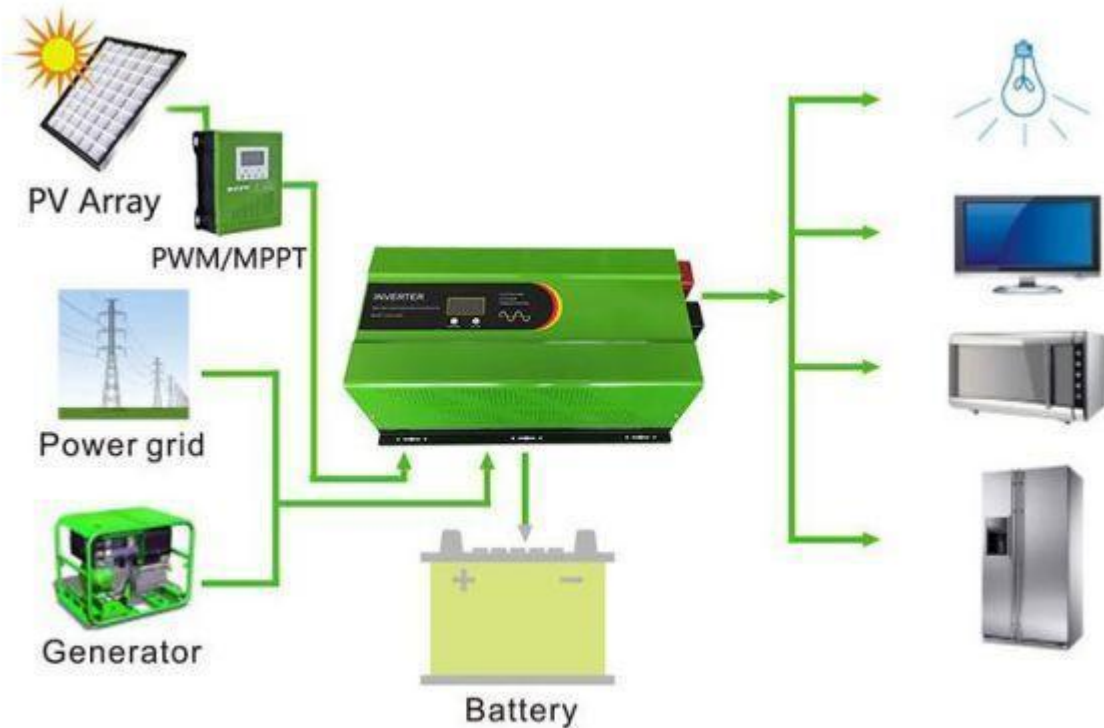
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1KW~7KW Pure sine wave inverter with toroidal transformer for home solar system.

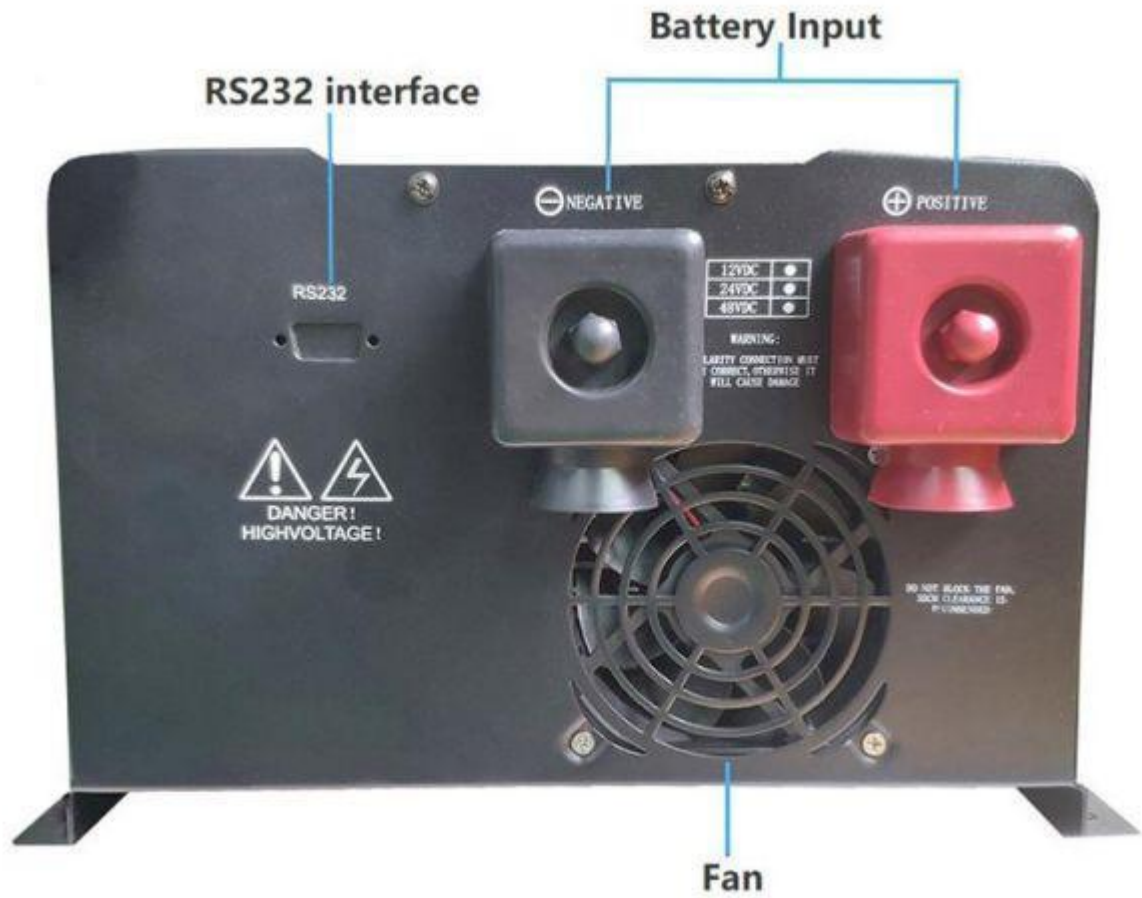


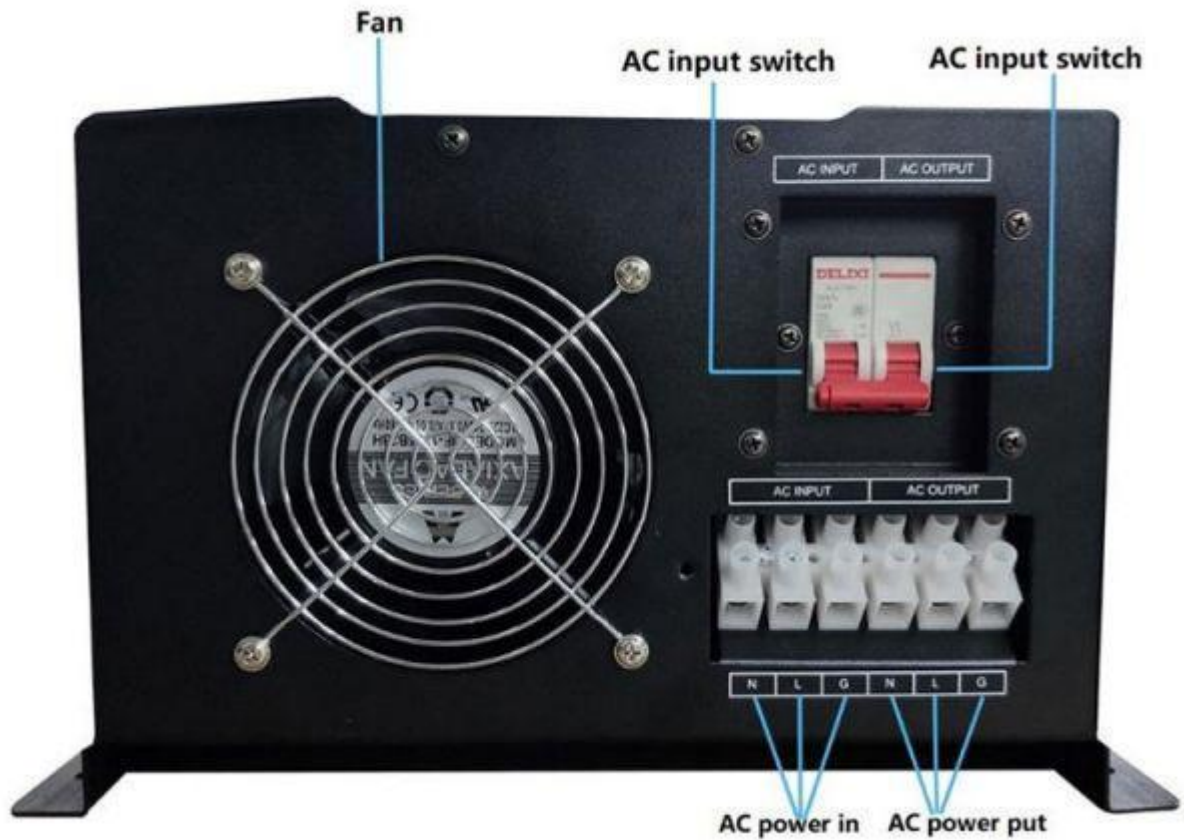
*Tips: Power grid/generator input are optional functions.

4.Product Details

1KW~7KW Pure sine wave inverter with toroidal transformer, off grid type with AC grid for backup.







5.Product Qualification

Rich production experience & strict quality control. Before leaving the factory, each low frequency pure sine wave inverter has undergone strict inspections.





www.srsolarpower.com

6.FAQ

Q: What's the delivery time of these solar inverter?

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

Q: Is it a low frequency solar inverter?

A: yes, low frequency inverter with toroidal transformer

Q: What is the battery voltage of these low frequency solar inverters?

A: DC 12V/24V/36V/48V; AC 110V/220V 230V 240V 50/60Hz

Q: What is the warranty of your low frequency solar inverter?

A: One year warranty.

Q: How to solve the technical problem of low frequency solar 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 your low frequency solar inverter?

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

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