



3000w Solar Inverter

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3000w Solar Inverter

Welcome to wholesale and buy customized 3000w Solar Inverter from our factory. You are welcomed to come to our factory to buy the latest selling, newest, cheap, fashion and high quality 3000w Solar Inverter. You can rest assured to buy discount product from us. We look forward to cooperating with you, if you want to know more, you can consult us now, we will reply to you in time!





48VDC 220VAC Off Grid 3000w solar inverter

1.Product Introduction

This inverter 3kw is low frequency inverter with built-in transformer, it is a solar system inverter for off grid home solar system. It is a pure sine wave inverter with AVR output, suitable for various loads. It has complete protection function, input over/low voltage, overload, short circuit, low battery voltage, over temperature etc.

2.Product Parameter (Specification)

Model		GS series	
Rated power		2000W	3000W
Instant power		Three times	
DC Input	DC voltage	24V	48V
	Battery No.	12V battery: 2pcs	12V battery: 4pcs
	Battery type	Maintenance-free lead-acid batteries/gel/lithium	
AC Input	Phase	Single Phase	
	Frequency	50Hz ± 10%	
	AC input	110V (85-140V) /220V(165-275V) (L+N+G)	
	AC AVR output	110/220VAC (L+N+G)±10%	
ACCharger (option)	Floating charge voltage	29V	58V
	Overcharge protect voltage	31V	62V
	Charge current	10-20A adjustable (Charging current can be customized)	
SolarController (option)	rated voltage	24V	48V
	maximum input voltage	100W	200V
	Max. charge current	30A/40A/50A/60A	
	defensive function	Overcharging, overloading, overloading, low-voltage, short-circuit, back-to-back	
Invert output	Output voltage	110V/220VAC (L+N+G)±1%	
	Frequency	50Hz ± 0.1%	
	THD	≤ 3% (Linear load)	
	Dynamic response	5% (0%~100% load)	
	Crest factor	3:1	
	Invert efficiency	97%	
Man-machine interface		LCD display panel	

Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China

Tel:+86-13516583501

E-mail:william@srsolarpower.com

Alarm	Buzzing and LCD screen flicker	
Protection function	Ac overvoltage, under voltage, DC overvoltage, under voltage, Overload, Output short circuit	
Overload capacity	120% 30s; 125% 10s;150% 0s	
Communication interface	USB/RS232/SNMP/Wifi (option)	
Protection class	IP21	
Surge handling capability	10/700US,5KVA;8/20US,20KA	
Noise dB	≤45db	
Cooling mode	Forced ventilation	
Ambient Temperature	Temperature 0-40℃, relative humidity10%-90%, elevation<1000m	
Weight(kg)	20	25.5
Size (mm)	420*195*360	

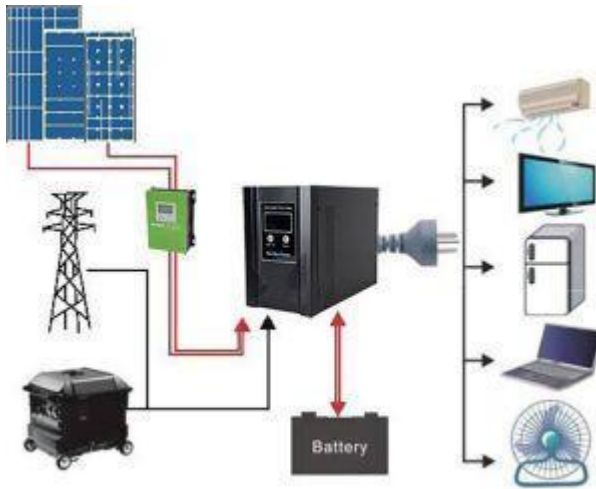
3.Product Feature and Application

Main Features:

- DC voltage: 24v or 48v
- AC voltage: 110v/120v/220v/230v/240v
- Pure sine wave & AVR output;
- With wide input range;
- Low frequency inverter with high efficiency transformer;
- Suitable for various types of applications;
- Solar inverter or UPS working mode---user selectable
- Compatible to mains voltage or generator power;
- Smart battery charger design to optimize battery performance;
- Communication interface: RS232/USB/SNMP/Wifi;-option
- Perfect protection function: input over/low voltage, overload, short circuit, low battery voltage, over temperature etc.
- Stable performance, safe and reliable, long service life.

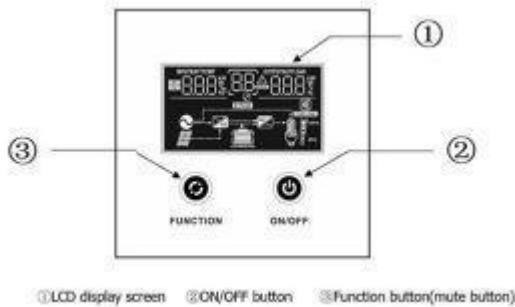
Application:

3000watt solar inverter for home solar power system diagram

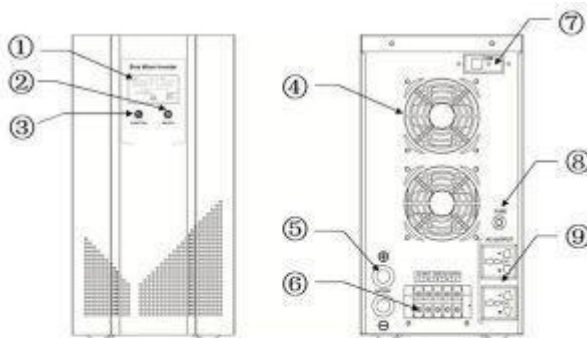


4.Product Details

This is 3000w dc ac pure sine wave solar power inverter, work with Solar and AC grid.



①LCD display screen ②ON/OFF button ③Function button(mute button)



①LCD screen	⑥Input and output connection terminals
②On/Off button	⑦USB/RS232 communication interface
③Function button	⑧Button fuse
④Cooling fan	⑨Output socket
⑤Battery connection	

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5.Product Qualification

Rich production experience & strict quality control. Before leaving the factory, each 3000w solar inverter has undergone strict inspections.



6.Deliver,Shipping And Serving

Low frequency solar inverter standard export packaging, suitable for various transportation channels. For the hot-selling series of solar inverter 3kw, we have a large inventory and can supply them to you immediately.



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7.FAQ

Q: What's the delivery time of this solar inverter 3000w?

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

Q: Is it a 3000w hybrid solar inverter?

A: yes, it can work with solar and AC grid

Q: What is the voltage of this 3000w inverter?

A: It is solar inverter 220v 3kw

The AC voltage can be 110V 120V 220V 230V 240V 50/60Hz

Q: What's the payment term of this 3000w solar inverter?

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

Q: What is the warranty of 3kw solar inverter?

A: One year warranty.

Q: Is this a pure sine wave inverter?

A: yes, it is 3000w pure sine wave solar inverter

Q: How to solve the technical problem of solar inverter 3kw?

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

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