



### **1000w Solar Inverter**

This 1000w Solar Inverter is low frequency inverter with built-in transformer, it is off grid inverter, suitable for off grid home 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.

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Welcome to wholesale and buy customized 1000w Solar Inverter from our factory. You are welcomed to come to our factory to buy the latest selling, newest, cheap, fashion and high quality 1000w 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!



Foshan Sunrise Energy Technology Co., Ltd.

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## 1000w solar inverter dc 12v to ac 220v pure sine wave

### 1.Product Introduction

This series is low frequency inverter with built-in transformer, it is off grid inverter, suitable for off grid home 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		GR series					
Rate power		500W	650W	800W	1000W	1200W	1500W
Instant power		Three times					
DC Input	DC voltage	12V	12V	12V	12V	24V	24V
	12V Battery No.	1pcs	1pcs	1pcs	1pcs	2pcs	2pcs
		Battery type					
		Maintenance-free lead-acid batteries					
AC Input	Phase	Single Phase					
	Frequency	50Hz ± 10%					
		AC input					
		110V ( 75-140V ) /220V(145-275V) (L+N+G)					
		AC AVR output					
		110/220VAC (L+N+G)±10%					
ACCharger (option)	Floating charge voltage	14.5V	14.5V	14.5V	14.5V	29V	29V
	Overcharge protect voltage	15.5V	15.5V	15.5V	15.5V	31V	31V
		Charge current					
		10-20A adjustable (Charging current can be customized)					
SolarController (option)	rated voltage	DC12V	DC12V	DC12V	DC12V	DC24V	DC24V
	maximum input voltage	50V	50V	50V	50V	100V	100V
		Max. charge current					
		30A 30A 30A 30A 60A 60A					
		defective function					
		Overcharging, overloading, overloading, low-voltage, short-circuit					
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%					
Display		LCD display panel					

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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					
Net Weight (kg)	8	8.5	9	10	11	11.5
Size(mm)	300*150*230					

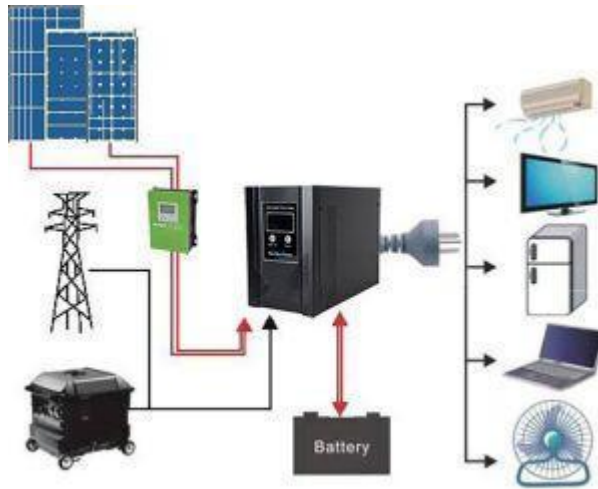
### 3.Product Feature and Application

Main Features:

- Solar inverter 12v DC to AC 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.

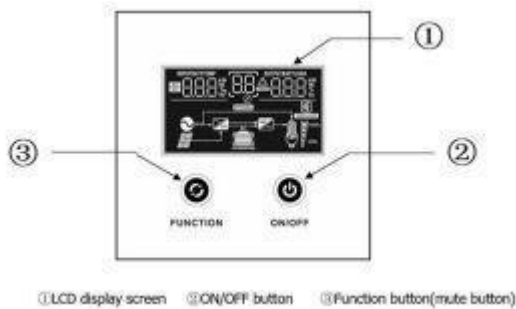
Application:

It is a 12v solar inverter for home solar power system

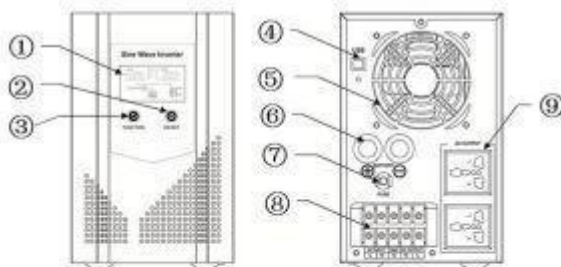


#### 4.Product Details

This inverter 1000 watts solar 12volt is off grid inverter with AC bypass.



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



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

#### 5.Product Qualification

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Rich production experience & strict quality control. Before leaving the factory, each off grid solar inverters 1kw 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 inverter solar 1kw, we have a large inventory and can supply them to you immediately.



www.srsolarpower.com



## 7.FAQ

Q: What's the delivery time of this solar inverter 1000w?

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

Q: Is it a 1000w hybrid solar inverter?

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

Q: What is the voltage of this 1000w inverter?

A: It is solar inverter 12v to 220v

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

Q: What's the payment term of this 1kw inverter?

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

Q: What is the warranty of solar inverter 1000watts?

A: One year warranty.

Q: Is this an off grid inverter?

A: yes, it is 1000w off grid solar inverter

Q: How to solve the technical problem of 1kw inverter?

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

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