



1200w Solar Inverter

This 1200w Solar Inverter is low frequency inverter with built-in transformer, it is a hybrid solar inverter, can work with solar and AC grid, 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.

1200w Solar Inverter

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1200w 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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12vdc to 220ac 1200w solar inverter

1.Product Introduction

This series is low frequency inverter with built-in transformer, it is a hybrid solar inverter, can work with solar and AC grid, 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					

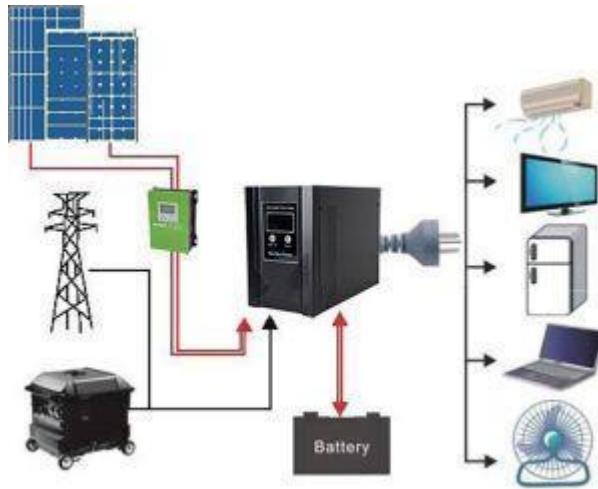
3.Product Feature and Application

Main Features:

- DC voltage: 12V or 24V
- AC voltage: 110V or 120V or 220V or 230V or 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.

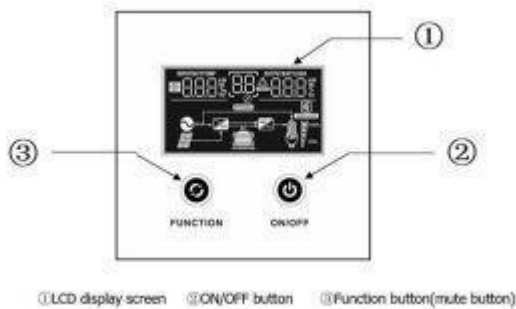
Application:

1200w inverter pure sine wave off-grid solar system

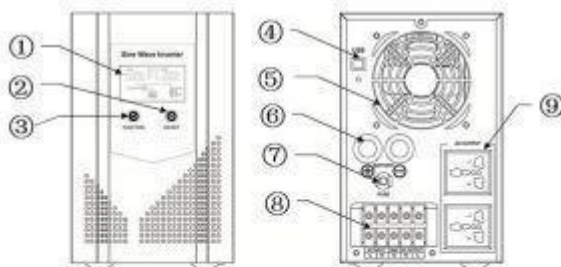


4.Product Details

This 1.2kw is solar ups inverter is off grid inverter with AC bypass.



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



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

5.Product Qualification

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Rich production experience & strict quality control. Before leaving the factory, each 1200w solar inverter has undergone strict inspections.



6.Deliver,Shipping And Serving

Small Inverter standard export packaging, suitable for various transportation channels. For the hot-selling series of solar inverter 1.2kw, we have a large inventory and can supply them to you immediately.

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www.srsolarpower.com



7.FAQ

Q: What's the delivery time of this 1200w solar inverter?

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

Q: Is it a 1200w hybrid solar inverter?

A: yes, it is hybrid solar inverter 1200w

Q: What is the voltage of this 1200w inverter?

A: It is 12vdc to 220ac hybrid solar inverter 1200w

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

Q: What's the payment term of this 1.2kw inverter?

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

Q: What is the warranty of solar inverter 1500watts?

A: One year warranty.

Q: Is this an off grid inverter?

A: yes, it is 1200w off grid solar inverter

Q: How to solve the technical problem of 1.2kw solar inverter?

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

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