



4000w Solar Inverter

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Low frequency 48vdc 220vac 5kva 4000w solar inverter

1.Product Introduction

This series single phase solar inverter without battery, it is low frequency 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.

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

2.Product Parameter (Specification)

Model	GS4KW	GS5KW	GS6KW	GS7KW
Rate Power	4KW	5KW	6KW	7KW
Instant power	3 times			
DC Input	Batt. Voltage	48V		
	Batt. Number	12V: 4pcs		
	Battery type	All kinds of battery		
AC Input	Phase	Single		
	Frequency	50/60Hz \pm 10%		
	Input voltage	220VAC (165-275V) (L+N+G)		
	Output voltage	220VAC \pm 10%		
Invert output	Output voltage	220VAC (L+N+G) \pm 1%		
	Frequency	50/60Hz \pm 0.1%		
	Switch time	T \leq 4ms		
	THD	\leq 3% (Linear load)		
	Dynamic response	5%(0%~100% load)		
	Crest factor (CF)	3: 1		
AC charger (optional function)	Charge current	15A standard (customizable)		
	Floating charge voltage	58V		
	Overcharge protect voltage	62V		
Solar charger (optional function)	Charge current	30A~100A		
	Charge type	PWM or MPPT		
Display	LCD			
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	RS232/SNMP/Wifi (extra optional function)			
Protection class	IP21			
Surge handling capability	10/700US,5KVA;8/20US,20KA			
Noise dB	\leq 45db			

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Cooling mode	Forced ventilation			
Ambient Temperature	Temperature 0-40℃, relative humidity10%-90%, elevation<1000m			
Size (L*W*H) mm	480*250*530			
Weight(kg)	35	39	44	49

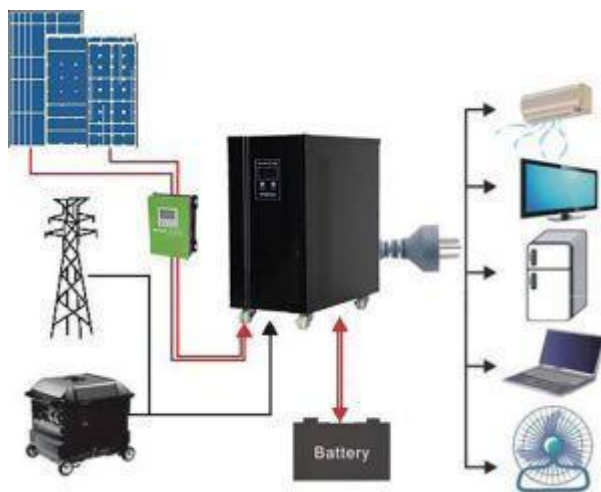
3.Product Feature and Application

Main Features:

- DC 48V to AC 220v 4000w solar inverter
- AC voltage can be 110V/120V/220V/230V/240V, 50/60Hz
- 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:

4000w 5kva hybrid solar system inverter



4.Product Details

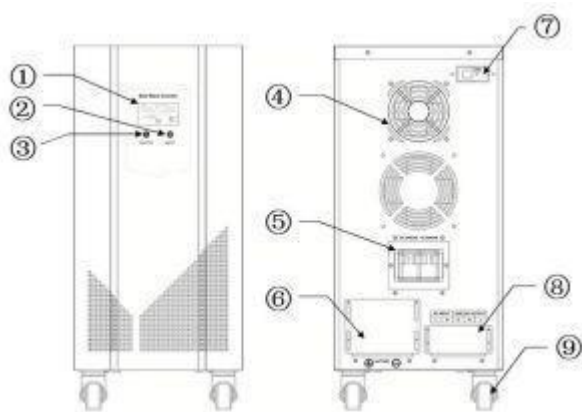
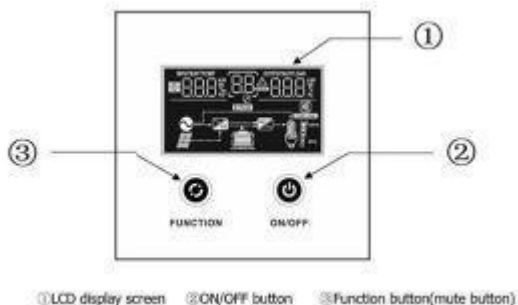
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It is inverter 4kw with ups function, can connect AC grid as bypass backup.



① LCD screen	⑥ Battery connection
② On/Off button	⑦ USB/RS232 communication interface
③ Function button	⑧ Input and output connection terminals
④ Cooling fan	⑨ Wheels
⑤ AC、 DC switch	

5.Product Qualification

Rich production experience & strict quality control. Before leaving the factory, each 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 single phase inverter, 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 4kw single phase inverter ?

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

Q: Is it a pure sine wave inverter?

A: yes, it is pure sine wave inverter

Q: What is the battery voltage of this 5kva solar inverters?

A: It is off grid solar inverter 48v,

Normally single phase 110V 120V 220V 230V 240V 50/60Hz

Q: What's the payment term of this 4kw inverter?

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

Q: What is the warranty of 4000 watt solar inverter?

A: One year warranty.

Q: Is it with internal transformer?

A: yes, it is low frequency inverter with transformer

Q: How to solve the technical problem of 4000w inverter?

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

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