



6000w Solar Inverter

This 6000w Solar Inverter is a 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

Welcome to wholesale and buy customized 6000w Solar Inverter from our factory. You are welcomed to come to our factory to buy the latest selling, newest, cheap, fashion and high quality 6000w 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!



Low frequency 48vdc 220vac 6kw off grid solar inverter

1.Product Introduction

Foshan Sunrise Energy Technology Co., Ltd.

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

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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)	Invert efficiency	97%		
	Charge current	15A standard (customizable)		
	Floating charge voltage	58V		
Solar charger (optional function)	Overcharge protect voltage	62V		
	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			

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Communication interface	RS232/SNMP/Wifi (extra optional function)			
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			
Size (L*W*H) mm	480*250*530			
Weight(kg)	35	39	44	49

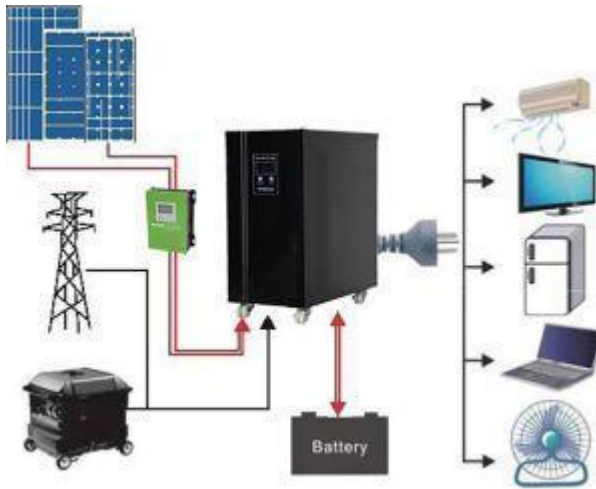
3.Product Feature and Application

Main Features:

- 48V DC to AC 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.

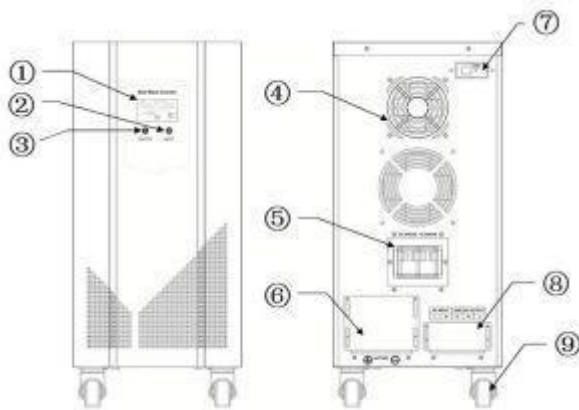
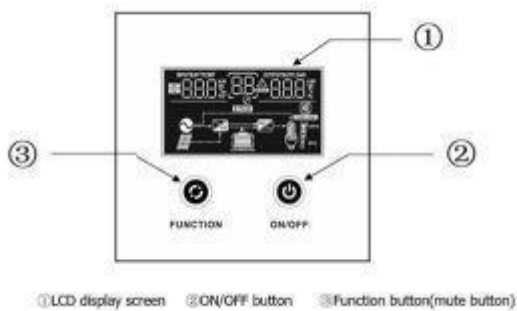
Application:

48vdc 220vac 6kw off grid solar inverter system



4.Product Details

This is ups inverter, can connect AC grid input to work as a ups.



① LCD screen	⑥ Battery connection
② On/Off button	⑦ USB/RS232 communication interface
③ Function button	⑧ Input and output connection terminals

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5.Product Qualification

Rich production experience & strict quality control. Before leaving the factory, each 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 single phase inverter, 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 6kw 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 solar pure sine wave inverter

Q: What is the battery voltage of this solar inverter 6000w?

A: It is off grid solar inverter 48v,

Q: What's the payment term of this 6kw inverter?

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

Q: What is the warranty of 6000w inverter?

A: One year warranty.

Q: Is it with internal transformer?

A: yes, it is low frequency inverter with transformer

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