

High Frequency Off Grid Solar Inverter

RBP Series (300W-5000W)



Features

- Rated power : 300W -5000W
- Peak power:600W-10000W
- Pure sine wave inverter
- DC/AC LED Display
- Built-in soft starter
- Built-in 60mm*60mm intelligent temperature control cooling fans
- 9 kinds of protection
- Wireless /wired remote monitoring (optional)
- RS 485 Communication Interface(optional)
- Compatible with various batteries on the market
- Support custom output sockets as needed

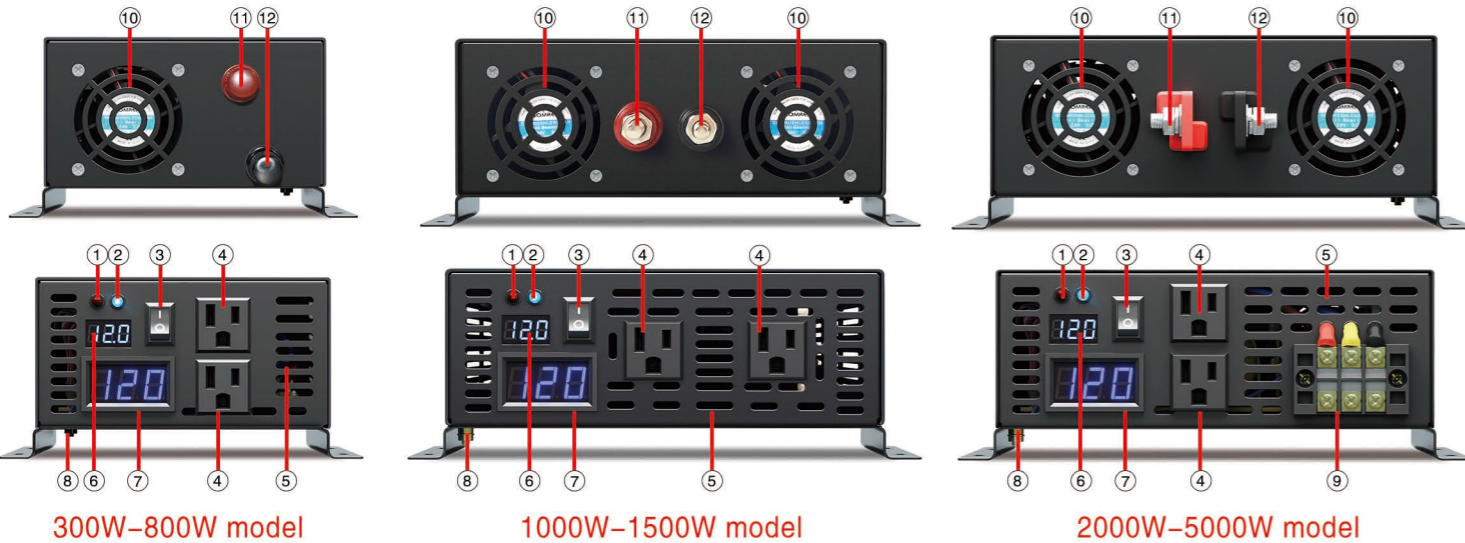
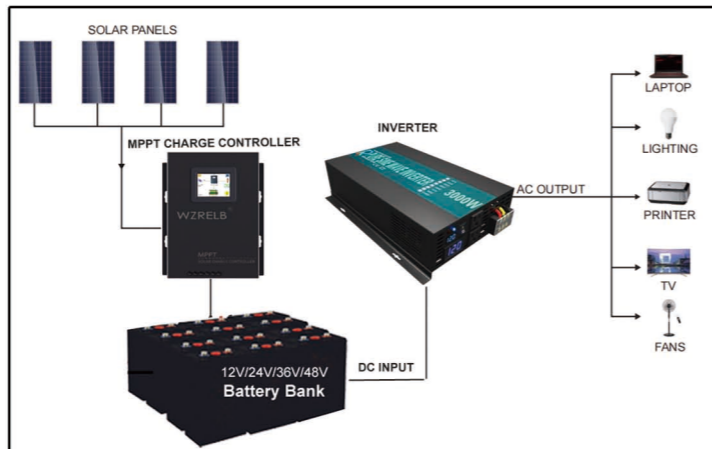
Introduction

RBP Series is a multi-functional inverter with full safety protection, Isolated input and output design, over voltage, low voltage, overload, short circuit, over heat, polarity reverse protection(fuses). Built-in soft start function, reduces the instantaneous impact of surge current, effectively extends the service life of electrical appliances. Support in portable size, easily move to different vehicles with quick connects. Keep track of DC voltage and AC voltage in real time, easily monitor power output with the intelligent LED display

Function Description

1. Fault Indicator
2. Status Indicator
3. On/off Switch
4. Outlet
5. Air Vents
6. DC Input LED Display
7. AC Output LED Display
8. Grounding Screw
9. Hardwire Terminal
10. Cooling Fan
11. Battery Positive Input
12. Battery Negative Input

Solar system connection



Specification Data



Model	RBP-300S	RBP-500S	RBP-800S	RBP-1000S	RBP-1500S	RBP-2000S	RBP-2500S	RBP-3000S	RBP-3500S	RBP-4000S	RBP-5000S	
Input	DC Voltage											
	12V or 24V or 36V or 48V or 60V or 72V or 96V or 110V											
	Voltage Range											
	10-15VDC or 21-30VDC or 30-45VDC or 42-60VDC or 50-75VDC or 60-90VDC or 75-115VDC or 90-135VDC											
	No Load Current Draw											
Output	<0.5A	<0.6A	<0.6A	<0.8A	<0.8A	<1A	<1A	<1.2A	<1.2A	<1.8A	<1.8A	
	Efficiency											
	>90%											
	DC Connector											
	Cables with Terminals											
Protection	AC Voltage											
	100/110/120VAC or 220/230/240VAC											
	300W	500W	800W	1000W	1500W	2000W	2500W	3000W	3500W	4000W	5000W	
	600W	1000W	1600W	2000W	3000W	4000W	5000W	6000W	7000W	8000W	10000W	
	Waveform											
	Pure Sine Wave											
Environment	Frequency											
	50Hz or 60Hz											
	AC Regulation											
	3%											
	Low Voltage Alarm											
	9.5-10.5V or 19.5-21.5V or 29.5-31.5V or 43-45V or 50.5-51.5V or 60.5-61.5V or 76-77V or 91-93V											
Others	Low Voltage Shut Down											
	9-10V or 18.5-20.5V or 29-30V or 41.5-42.5V or 50-51V or 60-61V or 74-76V or 90V											
	Over Load											
	Shut Off Output											
	Over Voltage Shut Down											
	15.5V or 30.5V or 45.5V or 61.5V or 75V or 90V or 115V or 135V											
Pack	Over Thermal											
	Shut Off Output Automatically											
	Fuses											
	Short Circuit											
	Working Temperature											
	Between-10°C and +50s°C											
Start	Working Humidity											
	20%-90%RH non-condensing											
	Storage Temperature											
	Between-10°C and +70°C											
	Start											
	Soft Start											
Cooling Ways	Cooling Ways											
	Cooling Fan											
	Total Harmonic Distortion											
	THD < 5%											
	Packing Type											
	Carton											
RBP	300W	500W	600W	800W	1000W	1500W						
	PRODUCT SIZE	239*198*94MM	239*198*94MM	239*198*94MM	239*198*94MM	264*246*94MM	264*246*94MM					
	N.W.	2.4KGS	2.4KGS	2.4KGS	2.4KGS	3.6KGS	3.6KGS					
	G.W.	2.7KGS	2.7KGS	2.7KGS	2.7KGS	4.3KGS	4.3KGS					
	RBP	2000W	2500W	3000W	3500W	4000W	5000W					
	PRODUCT SIZE	360*246*94MM	360*246*94MM	360*246*94MM	467*246*94MM	467*246*94MM	467*246*94MM					
	N.W.	5.2KGS	5.2KGS	5.2KGS	7.9KGS	7.9KGS	7.9KGS					
	G.W.	6.3KGS	6.3KGS	6.3KGS	8.9KGS	8.9KGS	8.9KGS					

Output Socket

