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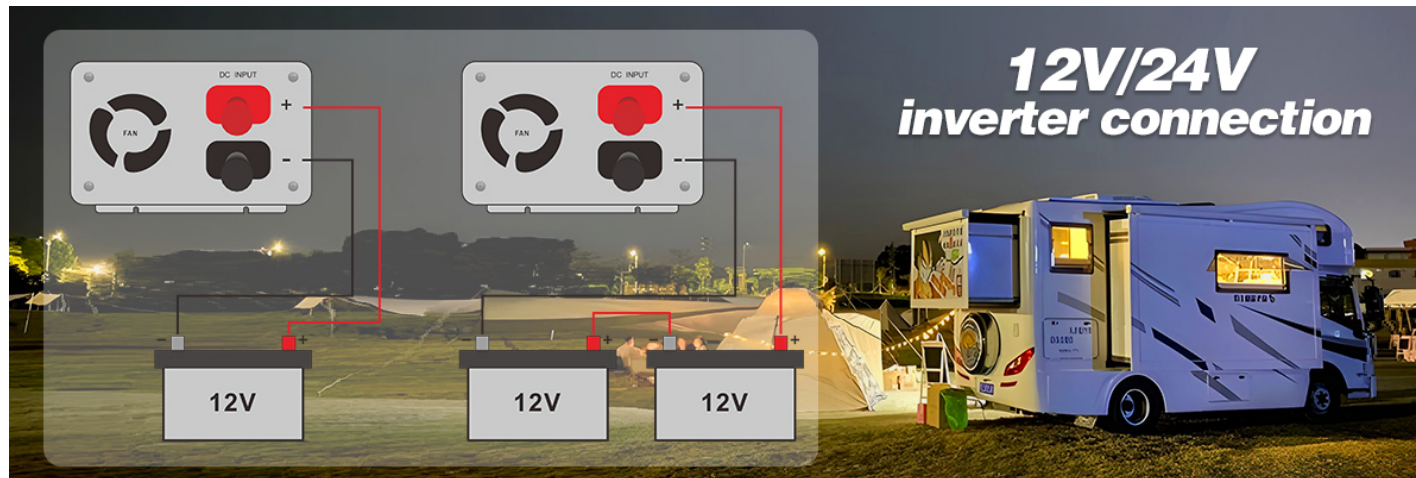
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We sincerely hope that the manual could bring you convenience!
We reserve the right of modification for the standard technical specification and size which referred in this manual, because
of technic improved and time going. Forgive no further notice if any modification.
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CE RoHS  FC  IEC 

12v/24v Auto Switch



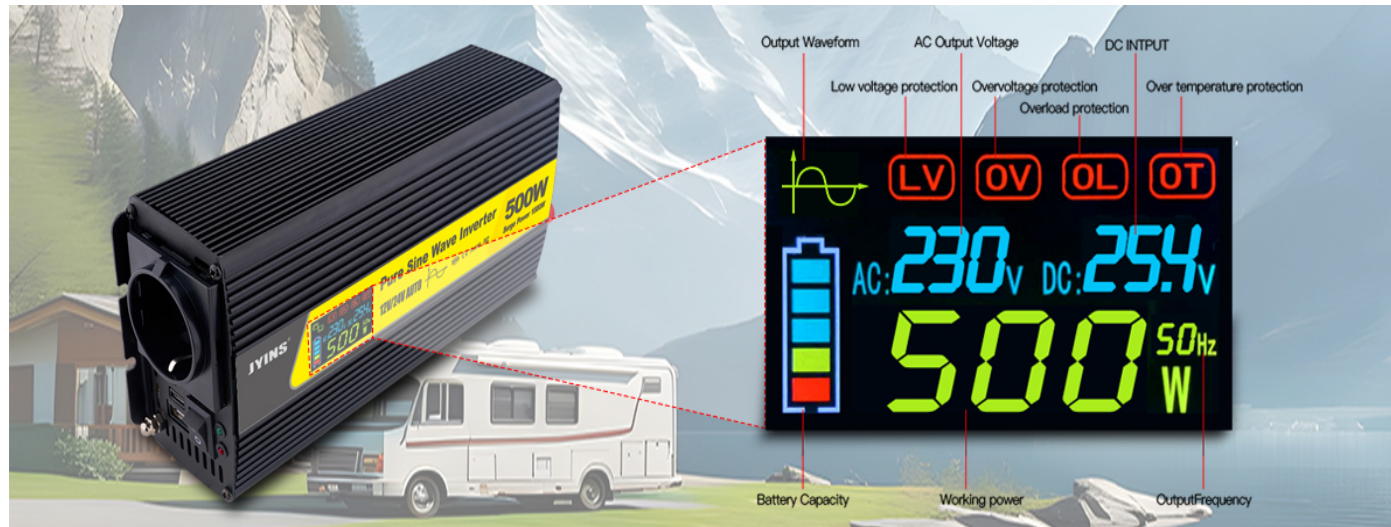
12v/24v auto switch makes your inverter more compatible. The inverter itself can be connected to the 12v batteries and 24v batteries and it can adjust itself to match with 12v working voltage or 24v working voltage of batteries.

Bluetooth Remote Control



Remote controller can switch on inverter and itself. And it can also change output frequency of the inverter.

LCD Display



LCD on the inverter panel can show following parameters for you to check:

1. Output wave form: pure sine wave or modified sine wave;
2. Four safety reminder: Low voltage, over voltage, overload and over temperature;
3. AC output voltage and DC input voltage;
4. Output power;
5. Output frequency;
6. Remaining capacity of batteries.

300W Pure sine wave Inverter			
Model	P-300W-12V	P-300W-24V	P-300W-48V
Output Power	300W		
Peak Power	600W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.55A	≤0.3A	≤0.18A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	/		
USB Output Voltage / Current	5V 2A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	89%	91%	93%
Low Voltage Protection	Alarm "Bi" with 2s interval +red and green lights flashing alternately / restart automatically when voltage recover		
Over Voltage Protection	Alarm "BiBi" with 1s interval +red and green lights flashing alternately / restart automatically when voltage recover		
Over Load Protection	Alarm "Bi" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually.		
Over Temp Protection	Alarm "BiBiBi" with 1s interval +red and green lights flashing alternately / restart when temp recover		
Short Circuit Protection	yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		

Note: The tech updates constantly. These datas are used for reference only. Please refer to our real product.

500W Pure sine wave Inverter			
Model	P-500W-12V	P-500W-24V	P-500W-48V
Output Power	500W		
Peak Power	1000W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.6A	≤0.3A	≤0.2A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Pure sine wave		
Display	/		
USB Output Voltage / Current	5V 2A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	88%	90%	92%
Low Voltage Protection	Alarm "Bi" with 2s interval +red and green lights flashing alternately / restart automatically when voltage recover		
Over Voltage Protection	Alarm "BiBi" with 1s interval +red and green lights flashing alternately / restart automatically when voltage recover		
Over Load Protection	Alarm "Bi" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually.		
Over Temp Protection	Alarm "BiBiBi" with 1s interval +red and green lights flashing alternately / restart when temp recover		
Short Circuit Protection	yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		
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300W Modified sine wave Inverter			
Model	M-300W-12V	M-300W-24V	M-300W-48V
Output Power	300W		
Peak Power	600W		
DC Input Voltage Range	DC12V(9.5V-15.5V)	DC24V(19V-31V)	DC48V(38V-62V)
AC Output Voltage (Single Choice)	100V/110V/120V/220V/230V/240V		
Unload Current	≤0.35A	≤0.15A	≤0.1A
Output Frequency	(50Hz±2Hz) or (60Hz±2Hz)		
Output Waveform	Modified sine wave		
Display	/		
USB Output Voltage / Current	5V 2A (Support QC3.0 fast charge up to 18W)		
Max. Output Efficiency	88%	90%	92%
Low Voltage Protection	Alarm "Bi" with 2s interval +red and green lights flashing alternately / restart automatically when voltage recover		
Over Voltage Protection	Alarm "BiBi" with 1s interval +red and green lights flashing alternately / restart automatically when voltage recover		
Over Load Protection	Alarm "Bi" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually.		
Over Temp Protection	Alarm "BiBiBi" with 1s interval +red and green lights flashing alternately / restart when temp recover		
Short Circuit Protection	yes		
DC Reverse Connection Protection	Fuse burnt		
Low Voltage Alarm Range	10.5v±0.5v	21v±0.5v	42v±0.5v
Low Voltage Protection Range	9.5v±0.5v	19v±0.5v	38v±0.5v
Low Voltage Recover Range	12v±0.5v	23v±0.5v	46v±0.5v
Over Voltage Protection Range	15.5v±0.5v	31v±0.5v	62v±0.5v
Over Voltage Recover Range	14v±0.5v	28v±0.5v	56v±0.5v
Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		

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Working Temperature	-10°C~50°C		
Cooling Method	Fan cooling (Temperature control)		

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