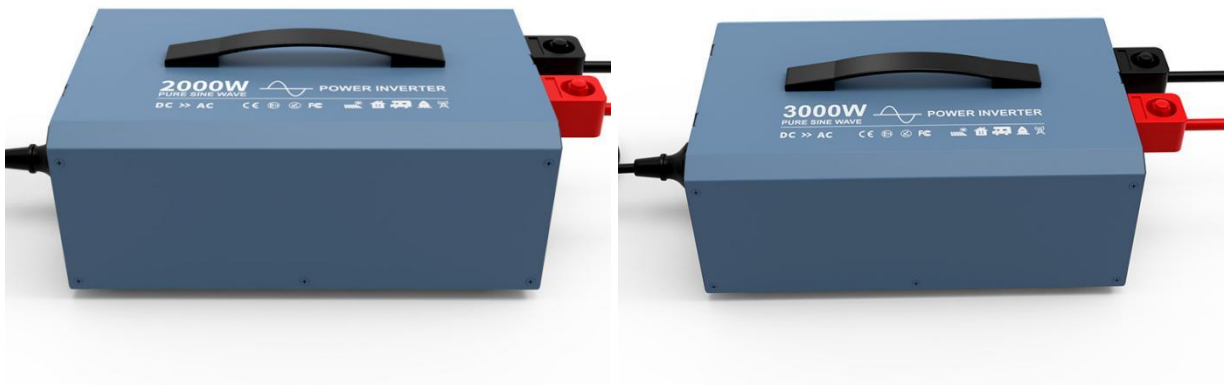


Pure Sine Wave Inverter

1、 Product Overview

This pure sine wave inverter converts DC to stable AC power, matching energy storage power stations, vehicles and solar systems. With clean output waveform, it works well for household appliances and digital devices. Equipped with full protections against overvoltage, undervoltage, overload, overheat and short circuit for safe operation. It features great heat dissipation and low noise, easy to install. Ideal for camping, RV power supply, home emergency backup and other off-grid scenarios.



2、 Electrical Parameters

Model	2000W-24V	2000W-48V
AC output		
Rated output pawer	2000W	2000W
Peak output powver	4000W	4000W
Rated output voltage	230Vac ±5%	120Vac ±5%
Output frequency	50Hz	60Hz
Rated output cument	9A	16.6A
Output wavefomm	Sine Wave	Sine Wave
Overload protecion	150%,>0.5s	150%,>0.5s
Over temperature protection	>90°C	>90°C
Conversion efficiency	⩽92%	⩽92%
Battery input		
Battery operating voltage	24Vdc	48Vdc
Low voltage protection	18V	42V
Overvoltage protection	31V	60V
DC output		
DC12V output	DC5521*2 / (12V/10A max)	
Type-C output	PD3.0-(5V/9V/12V/15V/20V)60W max	
USB-A.qutput	QC3.0-(5V/3A,9V/2A,12V/1.25A)18W max	
System parameters		
Dimensions L*W*H	285*180*110 (mm)	
Net weight	3.5kg	
Working environment		
Norking temperature range	-25 ~ +45°C	
Relative humidity	0% ~ 95%	
Ingress protection	IP20	

Model	3000W-24V	3000W-48V	3000W-60V
AC output			
Rated output power	3000W	3000W	3000W
Peak output powver	6000W	6000W	6000W
Rated output voltage	230Vac ±5%	230Vac ±5%	230Vac ±5%
Output frequency	50Hz	50Hz	50Hz
Rated output cument	13A	13A	13A
Output wavefomm	Sine Wave	Sine Wave	Sine Wave
Overioad protecion	150%,>0.5s	150%,>0.5s	150%,>0.5s
Over temperature protection	>90°C	>90°C	>90°C
Conversion efficiency	⩽92%	⩽92%	⩽92%
Battery input			
Battery operating voltage	24Vdc	48Vdc	60Vdc
Low voltage protection	18V	42V	52V
Overvoltage protection	31V	60V	70V
DC output			
DC12V output	DC5521*2 / (12V/10A max)		
Type-C output	PD3.0-(5V/9V/12V/15V/20V)60W max		
USB-A.qutput	QC3.0-(5V/3A,9V/2A,12V/1.25A)18W max		
System parameters			
Dimensions L*W*H	285*180*110 (mm)		
Net weight	3.5kg		
Working environment			
Norking temperature range	-25 ~ +45°C		
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3、Interface Diagram

