



Modified Sine Wave Off Grid Inverter For Mobile And Outdoor Environments

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: JEK
- Certification: CE
- Model Number: H-PJARN
- Minimum Order Quantity: 50 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Max Output Power: Available In 300W, 500W, 1000W, 1500W, 2000W, 3000W Models
- Output Wave: Modified Sine Wave
- Efficiency: $\geq 85\%$
- Input Under Voltage Shut Down: DC 10.2 – 10.8V
- Overcurrent Protection: Varies By Model (e.g., 24A~240A)
- Cooling Method: Fan-based Cooling System
- Highlight: **300W 1kw off grid inverter,
500W 1kw off grid inverter,
1500W 2 kw off grid inverter**

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Product Description

Suitable for Mobile and Outdoor Environments Modified Sine Wave Off-Grid Inverters

Product Description

This modified sine wave power inverter offers a reliable and efficient power solution, suitable for various applications such as powering household appliances, tools, and electronics in mobile or off-grid setups. The inverter operates with an input voltage of 12V and provides output voltage of 220-240V AC at 50Hz frequency, ensuring compatibility with standard devices. With models available in power ranges from 300W to 3000W, it caters to different power needs. This inverter is equipped with essential safety features including overcurrent protection, undervoltage and overvoltage shutdown, and temperature control.

Model No	JARN-300W	JARN-500W	JARN-1000W	JARN-1500W	JARN-2000W	JARN-3000W
Input Voltage	DC 12V(DC 11-15V)					
Output Voltage/Frequency	AC 220-240V,50Hz					
USB Output	DC 5V,500mA					
Max Output power	300W	500W	1000W	1500W	2000W	3000W
Output Wave	Modified Sine Wave					
Efficiency	≥85%					
No Load Current			<0.45A			<0.6A
Input Under Voltage Alarm			DC 10.2-10.8V			
Input Under Voltage Shut Down	DC 10.2-10.8V			DC9.2-9.8V		
Input Over Voltage Shut Down	DC 15-16V					
Overcurrent Protection	24A-28A	38A-42A	68A-72A	115A-125A	170A-180A	220A-240A
Fuse	30A×1	40A×1	25A×3	20A×6	30A×6	20A×12
Over Temperature Protection			Yes			
The Best Working Temperature	5-35 °C					
Cooling Method	Fan					
Meas /ctn	37.5X35.5X34 CM	41.5X37.5X34.5CM	42.5X27.5X48 CM	58.5X42.5X27 CM	42.5X32.5X48 CM	45.5X38X28.5 CM
QTY /ctn	20 PCS	20 PCS	10 PCs	10 PCS	10 PCS	3 PCS
G.W/ctn	17.6 KGS	21.8 KGS	20.3 KGS	24.3 KGS	29.7 KGS	15.2 KGS

Application

This modified sine wave power inverter is ideal for use in vehicles, RVs, boats, and for home backup power systems. It efficiently converts DC power from batteries to AC power for running lights, fans, laptops, small kitchen appliances, and other low to medium wattage electronics. The inverter's robust build, cooling system, and multiple safety mechanisms make it suitable for mobile and outdoor environments, ensuring stable and reliable power supply.

Shipping Methods

Supports global air and sea shipping.



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