

DC to AC Power Inverter

This DC to AC inverter converts electrical power from 12V or 24V to a 220V output. It converts direct current (DC) power from a battery source into alternating current (AC) power.



ADDITIONAL IMAGES



Overview



DC To AC Inverter / Modified Sine Wave		KEBO	
EPS Series / Auto Switch		12V/24V	
Model	EPS-1200	EPS-2000	EPS-3000
Rated Power	1200VA/960W	2000VA/1600W	3000VA/2400W
Rated Voltage	12V/24V	12V/24V	12V/24V
Output Voltage	220V/230V	220V/230V	220V/230V
Output Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Efficiency	>90%	>90%	>90%
Transfer Time	<4ms	<4ms	<4ms
Protection	Overload, Overcurrent, Overtemperature, Short Circuit, Low Voltage, Reverse Polarity	Overload, Overcurrent, Overtemperature, Short Circuit, Low Voltage, Reverse Polarity	Overload, Overcurrent, Overtemperature, Short Circuit, Low Voltage, Reverse Polarity

Technical overview of the EPS series inverter capabilities, including automatic switching and protection mechanisms.

Versatile DC to AC Power Solution

This series of DC to AC inverters is designed to convert battery power into reliable AC electricity for a wide range of electronic devices and appliances. Featuring a modified sine wave output, these units are ideal for mobile power applications, including use in vehicles, boats, and remote locations. The system integrates automatic switching, battery charging capabilities, and robust protection mechanisms to ensure safe and efficient operation.

Performance Specs

Transfer Time

- Inverter to Mains: <4ms
- Mains to Inverter: <20ms

Capacity Range

600VA/480W, 1200VA/960W, 2000VA/1600W, 3000VA/2400W

Efficiency

90 %

Technical Details

Certifications
CE • LVD • EMC

Output Waveform

Modified Sine Wave

Cooling System

Smart Fan (Automatic startup at 65°C)

Protection Features

Integrated Protections

High Voltage, Low Voltage, Overheat, Overload, Short Circuit

Model Comparison

Model Specifications

Model	Rated Power	Weight (kg)
EPS-600	600VA/480W	3.4
EPS-1200	1200VA/960W	4
EPS-3000	3000VA/2400W	4.5