

Marine Power Inverter for Boats

This marine power inverter converts DC power from batteries into AC power for use on boats. It features overload, short circuit, and over-temperature protection.



Overview

Marine Power Solution

This high-performance marine power inverter is designed specifically for life on the water, offering a reliable power supply for household appliances, communication devices, and industrial equipment. Featuring advanced inverter technology and a robust protection system, it ensures stable performance even in harsh marine environments. The unit includes an intelligent human-computer interaction interface and automatic switching capabilities for seamless operation between generator and battery power.

Technical Specifications

Output Voltage	220 V
Frequency	50 HZ
Rated Power	300 W
Conversion Efficiency	85 %

Features

Safety Protections	Input Overvoltage, Input Under-voltage, Output Overload, Output Short-circuit, Overheat Protection
Display Interface	3-inch LCD screen displaying power capacity, output voltage, load power, and charging status

Operating Modes

Operational Modes

- AC Supply Mode: Inverter with charging function via generator
- DC Supply Mode: Inverter function via battery storage
- Automatic Switching: Seamless transition between generator and battery functions

Compatibility

Typical Applications

Freezers • Ship Lights • Electric Drills • Electric Saws • Sunlight Lamps • Gas Lamps