

3.6kW Hybrid Inverter

Model: LU-INV36

Overview

3.6kW single-phase hybrid inverter. Pure sine wave output, compatible with lithium and lead-acid batteries. MPPT solar charger, WiFi monitoring. CE certified factory direct.

Technical Specifications

Parameter	Value
Rated Power	3.6kW
Output Voltage	220V AC, 50/60Hz
Output Waveform	Pure Sine Wave
Battery Voltage	48V
MPPT Voltage Range	120-450V DC
Max PV Input	5kW
Efficiency	≥93%
Communication	WiFi / RS485

Key Features

- 3.6kW rated output, pure sine wave
- Built-in MPPT solar charge controller
- Compatible with LiFePO4 and lead-acid batteries
- Grid-tie and off-grid dual mode
- LCD display and WiFi monitoring
- Programmable charging/discharging schedule
- Overload and short circuit protection
- Compact wall-mount design

Applications

Home solar system • Small office backup • Cabin and remote power

Certifications

CE Certified, RoHS Certified