

12kW Hybrid Inverter + 15kWh Stackable Battery System

Model: LU-SK12-15

Overview

Horizontal stackable design: 12kW hybrid inverter + 15kWh LiFePO4 battery in one stackable unit. Easy transport and installation. Perfect for residential solar storage. CE certified.

Technical Specifications

Parameter	Value
Inverter Power	12kW
Battery Energy	15kWh
Battery Voltage	51.2V
Output Waveform	Pure Sine Wave
Chemistry	LiFePO4
Cycle Life	≥6000 cycles
Communication	WiFi / GPRS
Installation	Horizontal stackable

Key Features

- 12kW hybrid inverter with 15kWh battery
- Horizontal stackable design, easy to move and install
- Single-person installation
- Modular expansion capability
- Pure sine wave output
- Multiple working modes (grid-tie, off-grid, backup)
- Smart BMS integrated
- WiFi/GPRS remote monitoring

Applications

Residential solar storage • Villa and home backup • Small business power • Grid-tie with battery backup

Certifications

CE Certified, UN38.3 Certified, RoHS Certified