

15kWh High-Capacity Wall-Mounted LiFePO4 Battery

Model: LU-15KWH-HC

Overview

15kWh high-capacity wall-mounted LiFePO4 battery. 300Ah, 51.2V, 6000+ cycles, smart BMS. For large homes and small commercial solar storage. Factory direct wholesale.

Technical Specifications

Parameter	Value
Nominal Voltage	51.2V
Rated Capacity	300Ah
Rated Energy	15.36kWh
Chemistry	LiFePO4
Cycle Life	≥6000 cycles
Protection	IP65
Communication	CAN / RS485 / WiFi
Display	LCD Touch Screen

Key Features

- 15.36kWh rated energy capacity
- 51.2V 300Ah LiFePO4
- Wall-mounted design
- Smart BMS with active balancing
- 6000+ cycles at 80% DoD
- LCD touch screen monitoring
- CAN/RS485/WiFi communication
- Parallel up to 10 units

Applications

Large home solar backup • Small commercial storage • Villa and estate power

Certifications

CE Certified, UN38.3 Certified, RoHS Certified, IEC 62619 Certified