

10kWh Wall-Mounted LiFePO4 Battery

Model: LU-10KWH-WM

Overview

WM 512200: 51.2V 200Ah 10.24kWh wall-mounted LiFePO4 battery. IP65 rated, 6000+ cycles, smart BMS. Ideal for whole-home solar backup. Factory direct wholesale.

Technical Specifications

Parameter	Value
Nominal Voltage	51.2V
Rated Capacity	200Ah
Rated Energy	10.24kWh
Chemistry	LiFePO4 (Lithium Iron Phosphate)
Cycle Life	≥6000 cycles (80% DoD)
Protection Class	IP65
Display	LCD
Communication	CAN / RS485
Dimensions	Refer to datasheet
Weight	Refer to datasheet

Key Features

- 51.2V 200Ah, 10.24kWh rated capacity
- Wall-mounted design, easy installation
- IP65 weatherproof rating
- Smart BMS with comprehensive protection
- 6000+ deep cycles at 80% DoD
- LCD display for system status
- CAN/RS485 communication
- Parallel up to 15 units for larger capacity

Applications

Whole-home solar backup • Commercial energy storage • Residential off-grid systems • Microgrid applications

Certifications

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