

5kWh Wall-Mounted LiFePO4 Battery

Model: LU-5KWH-WM

Overview

WM 512100: 51.2V 100Ah 5.12kWh wall-mounted LiFePO4 battery. IP65 rated, 6000+ cycles, integrated BMS. Perfect for residential solar storage. CE, UN38.3 certified.

Technical Specifications

Parameter	Value
Nominal Voltage	51.2V
Rated Capacity	100Ah
Rated Energy	5.12kWh
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 100Ah, 5.12kWh rated capacity
- Wall-mounted design, space-saving
- IP65 rated for indoor/outdoor installation
- Smart BMS with overcharge/over-discharge protection
- 6000+ cycles at 80% DoD
- LCD display for real-time monitoring
- CAN/RS485 communication interface
- Support parallel connection up to 16 units

Applications

Residential solar energy storage • Home backup power • Small commercial storage • Off-grid systems

Certifications

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