

32kWh High-Capacity LiFePO4 Battery

Model: LU-32KWH-HC

Overview

32kWh ultra-high-capacity LiFePO4 battery. 51.2V, 600Ah, 6000+ cycles. For commercial, industrial, and microgrid energy storage. CE, UN38.3 certified factory direct.

Technical Specifications

Parameter	Value
Nominal Voltage	51.2V
Rated Capacity	600Ah
Rated Energy	32kWh
Chemistry	LiFePO4
Cycle Life	≥6000 cycles
Communication	CAN / RS485
Scalability	Multi-unit parallel

Key Features

- 32kWh rated energy capacity
- 51.2V 600Ah LiFePO4 chemistry
- Advanced multi-layer BMS protection
- 6000+ deep cycles
- System connection diagrams included
- Professional-grade enclosure
- CAN/RS485 communication interface
- Scalable multi-unit configuration

Applications

Commercial microgrid • Industrial energy storage • Utility-scale support • Renewable integration

Certifications

CE Certified, UN38.3 Certified, RoHS Certified