

18kWh High-Capacity LiFePO4 Battery

Model: LU-18KWH-HC

Overview

18kWh high-capacity LiFePO4 battery. 51.2V, 350Ah, 6000+ cycles. Suitable for commercial and large residential solar storage. CE, UN38.3 certified factory wholesale.

Technical Specifications

Parameter	Value
Nominal Voltage	51.2V
Rated Capacity	350Ah
Rated Energy	18kWh
Chemistry	LiFePO4
Cycle Life	≥6000 cycles
Connectivity	CAN / RS485
Parallel Support	Yes, up to 8 units

Key Features

- 18kWh rated energy capacity
- 51.2V 350Ah LiFePO4 chemistry
- Rich connection interfaces
- Smart BMS with cell balancing
- 6000+ deep cycles
- Multiple communication protocols
- Supports series and parallel connection
- Durable enclosure design

Applications

Commercial solar storage • Industrial backup power • Large residential systems • Microgrid storage

Certifications

CE Certified, UN38.3 Certified, RoHS Certified