



6000
Cycles



100%
1C Performance



LiFePO₄
Battery Technology



IP 54
Protection Rating

Safe & Reliable

- ◆ EV-Grade LiFePO₄ Battery
- ◆ Enhanced Protection with Dual-Safety System:
Smart BMS + Circuit Breaker

High Performance

- ◆ Supports Discharge Currents up to 150A
- ◆ Sustained 1C Charge and Discharge

User-Friendly Design

- ◆ Clear Status Indicators & Screen
- ◆ Compact Structure for Quick Installation

25.6V 100Ah LiFePO₄ Lithium Battery



Technical Parameters

Nominal Voltage (V)	25.6
Nominal Capacity (Ah)	100
Total Energy (kWh)	2.56
Operating Voltage Range (V)	21.6 ~ 29.2
Standard Charge/Discharge Current (A)	50 CH / 50 DCH
Max.Charge/Discharge Current (A)	100 CH / 150 DCH
Peak Output Current (A)	160 < 1s
Lithium Chemistry	LifePO4
Cycle Life	6000@0.5C 80% DOD
Installation	Wall-mounted

Mechanical Specification

Dimension (mm)	W420 * D140 * H400
Weight (kg)	Approx. 28
Communication	RS485, CAN
Ingress Rating	IP 54
Safety Standards	UN38.3, CE

Environmental Specification

Storage Temperature (°C)	-10 ~ 55
Operating Temperature Charge (°C)	0 ~ 55
Operating Temperature Discharge (°C)	-10 ~ 60
Operating Relative Humidity	5 ~ 95%