Battery series



24V100Ah

25.6V 100Ah | 2.56 kWh

HOME BACKUP | RV / CAMPING | OFF-GRID

1. **LiFePO4 Chemistry**
   8S1P configuration for 25.6 V operation.
2. **Built-In BMS**
   Integrated battery management protection.
3. **100 A Continuous Output**
   200 A instantaneous discharge current.
4. **Series Expansion**
   Supports up to 2 battery units in series.
5. **Bluetooth Optional**
   Optional battery monitoring capability.
6. **Long Cycle Life**
   >= 5,000 cycles.

Parameters

Items	24V100Ah
Product	25.6V LiFePO4 Battery
Rated Energy	2.56 kWh / 2,560 Wh
Configuration	8S1P
Nominal Voltage	25.6 V
Nominal Capacity	100 Ah
Cell Type	Lithium Iron Phosphate (LiFePO4)
Charging Cutoff Voltage	29.2 V
Discharge Cut-off Voltage	20 V
Maximum Continuous Discharge Current	100 A
Instantaneous Discharge Current	200 A
Standard Charging Current	<50 A
Standard Discharge Current	100 A
Charging Temperature	0°C to 45°C
Discharging Temperature	-20°C to 65°C
Display	Touch display screen
Cycle Life	>= 5,000 cycles
Series Connection	Up to 2 Units
Parallel Operation	Multiple units; voltage difference within 0.3 V
Communication Interface	Bluetooth optional
Cooling Method	Natural cooling
Dimensions	520 × 267 × 220 mm
Package Size	580 × 322 × 280 mm
Net / Gross Weight	20.2 / 21.7 kg

Specifications are subject to confirmation in the final sales contract.