Battery series



12V100Ah

12.8V 100Ah | 1.28 kWh

HOME BACKUP | RV / CAMPING | MARINE

1. **LiFePO4 Chemistry**
   4S1P configuration for 12.8 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 4 battery units in series.
5. **Bluetooth Optional**
   Optional battery monitoring capability.
6. **Compact Housing**
   11.91 kg net weight with side rope handles.

Parameters

Items	12V100Ah
Product	12.8V LiFePO4 Battery
Rated Energy	1.28 kWh / 1,280 Wh
Configuration	4S1P
Nominal Voltage	12.8 V
Nominal Capacity	100 Ah
Cell Type	Lithium Iron Phosphate (LiFePO4)
Charging Cutoff Voltage	14.6 V
Discharge Cut-off Voltage	10 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 4 Units
Parallel Operation	Multiple units; voltage difference within 0.3 V
Communication Interface	Bluetooth optional
Cooling Method	Natural cooling
Dimensions	260 × 165 × 214 mm
Package Size	395 × 240 × 290 mm
Net / Gross Weight	11.91 / 12.6 kg

Specifications are subject to confirmation in the final sales contract.