LIRRANOVA

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LFP12100 — LiFePO4 Battery

Reliable • Smart • Sustainable | Built-in Smart BMS | Bluetooth

Nominal voltage	12.8V
Capacity	100Ah
Stored energy	1.28 kWh
Cycle life	>3000 (@0.5C, 80% DOD, 25°C ± 2°C)
Charge method	CC-CV
Boost / Float	14.6V / 13.32V
Charge current	20A standard / 50A maximum
Discharge current	20A standard / 100A maximum continuous
Low-voltage cut-off	10V
Enclosure	IP-65 ABS casing
Weight	15 kg ± 1 kg
Connectivity	Bluetooth

Powering Tomorrow, Today

Connector: M8×10 bolt • Output wire: 16 sq mm • Rocker switch: Yes

Charge: 0–55°C • Discharge: –20 to 60°C • Storage: 23–27°C (6 months, 30% SOC)

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