

Racked Battery

B5.12K-XRLA



- 2-15 units can be used in parallel!
- Convenient to PLUG IN/OUT
- 6000 cycles life
- Precise Battery Management Technology



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

- High-density LiFePO4 battery, safer to use
- Possess industry-leading BMS technology
- Compatible with mainstream inverters
- DOD 80% ,extend battery life

Model	B5.12K-XRLA
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Basic Information

Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	100Ah
Rated Capacity	5.12kWh
Communication Protocol	CAN/RS485/RS232
Max. Number Of Parallel Connections	15
Cycle Life	6000 Cycles (@80% DoD)
Protection Mechanism	Temperature Protection/Over-Current Protection/Short-Circuit Protection Over-Charge Protection/Over-Discharge Protection/Low-Voltage Protection

Charging Parameters

Recommended Charging Current	50A
Max. Charging Current	100A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V

Discharging Parameters

Recommended Discharging Current	50A
Max. Discharging Current	100A
Recommended Battery Discharge Cut-Off Voltage	44V
Battery Cut-Off Voltage	43.2V
Battery Recovery Voltage	48V

General Parameters

Dimension[W*D*H](mm)	500*484*178mm
Gross/Net Weight	46kg/43.5kg
Shell Material	Sheet Metal
Protection Rating	IP20
Installation Method	Rack Mode
Cell Type	LiFePO4

Certification & Safety Standard

Safety Certification	CE
Transportation Safety Certification	UN38.3,Class9

Temperature Parameters

Discharging Temperature	-20~65°C
Charging Temperature	0~55°C
Storage Temperature	-20~45°C