Battery series



LM-48200-W

51.2V 200Ah | 10.24 kWh

HOME BACKUP | OFF-GRID | SMALL COMMERCIAL

1. **LiFePO4 Chemistry**
   Stable chemistry for stationary energy storage.
2. **Integrated Smart BMS**
   Battery monitoring and software protection.
3. **200 A Continuous Output**
   Maximum continuous discharge at 25 ± 3°C.
4. **Scalable Storage**
   Supports up to 16 battery units in parallel.
5. **Multi-interface Communication**
   CAN, RS485, RS232, dry contact and Wi-Fi interface.
6. **Mobile Floor-standing Cabinet**
   Caster wheels support practical indoor positioning.

Parameters

Items	LM-48200-W
Product	Floor-standing LiFePO4 Battery
Rated Energy	10.24 kWh / 10,240 Wh
Nominal Voltage	51.2 V
Nominal Capacity	200 Ah
Cell Type	LiFePO4
Charging Voltage	58.4 V
Standard Charge / Discharge Current	100 A at 25 ± 3°C
Minimum Discharge Cut-off Voltage	42 V
Maximum Continuous Discharge Current	200 A at 25 ± 3°C
Charging Temperature	0°C to 60°C
Discharging Temperature	-20°C to 60°C
Cycle Life	≥ 6,000 Cycles
Storage Temperature	1 month: -20°C to 45°C; 3 months: -20°C to 35°C; 6 months: -20°C to 25°C
Parallel Operation	Up to 16 Units
Maximum Parallel Capacity	51.2 V 3200 Ah / 163.84 kWh
Communication Interface	CAN / RS485 / RS232 / Dry Contact / Wi-Fi Interface
Dimensions	550 × 250 × 650 mm
Net Weight	89.4 kg
Installation	Floor Standing / Mobile Cabinet

Specifications are subject to confirmation in the final sales contract.