

MB-51.2LI16KWH

LiFePO4 floor-mounted battery

GENERAL FEATURES

- ≥ 8,000 cycles. Reliable performance.
- Compatible with many of the leading inverter brands on the market.
- Integrated BMS system for real-time battery protection.
- Excellent safety: the lithium iron phosphate chemical composition eliminates the risk of explosion or combustion.
- Wide temperature range: -20 °C to 60 °C.
- Customization options available.

APPLICATIONS

- Solar and wind energy storage systems
- Communication equipment
- Emergency power systems
- Medical equipment
- Uninterruptible power supply (UPS) systems
- Electric vehicles / Electric mobility
- Security and fire protection systems
- Lighting



Conexión
Bluetooth



Protección contra
cortocircuitos



Protección
contra el calor



Protección de
sobretensión de carga



Protección contra
subtensión de descarga



Protección
OC/DC

MB-51.2LI16KWH

LiFePO₄ floor-mounted battery

MODEL	MB-51.2LI16KWH
Electricity available	16Kwh
Rated capacity	314Ah
Combined mode	16S1P
BMS Configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charging and discharging current	150A
Maximum current	200 A, then continue at 210 A for 10 seconds
Rated charging and discharging power	7.68Kw
Maximum power	10.24 kW continuous power; maximum power of 10.752 kW for 10 seconds
Short-circuit current	0.762Ka@100us
Service life	≥8000 cycles, 80% depth of discharge, 25 °C
Communication method	CAN, RS485
Parallel number	Up to 16 can be connected in parallel
Remote data	Wi-Fi
Weight	120kg
Dimensions (L × W × H) mm	795*500*271mm
Storage temperature	Charge: 0 °C to +50 °C / Discharge: -10 °C to +60 °C
Relative humidity	0~95%
Storage temperature	<3 months: 10 °C to 25 °C / <1 year: 0 °C to 25 °C
Maximum operating altitude	2000m
Protection class	IP21
Installation Instructions	Floor mounting
Power cord exit method	size
Standards and Certification	Transportation UN38.3