

Rack Mounted Low-voltage Battery



Long Cycle Life



Multiple Protection



Flexible Expansion

- Modular design, easy installation
- High-quality LFP cells, long cycle life
- Multiple protection, high security
- Multi-module parallel, flexible expansion
- Max. 12 parallel machines



Model	LB-MF5420L-B1
Nominal Voltage (V)	51.2
Rated Capacity (Ah)	106
Rated Energy (kWh)	5.5
Working Voltage Range (V)	40-58.4
Discharge Cut-off Voltage (V)	40
Parallel Max. Units	12
Max. Charge Current (A)	100
Max. Discharge Current (A)	100
Cycle Life	25±2°C, 0.2C/0.2C, 6000 cycles
Ingress Protection	IP20
Dimensions W*H*D (mm)	440 × 130.5 × 540
Communication BMS	RS485/CAN
Warranty	5 Years
Weight (kg)	48
Operation Temperature Discharge (°C)	-20-55
Operation Temperature Charge (°C)	0-55
Storage Temperature (°C)	-20~+55 (10~90% RH)
Certification	CE (EMC)/UN38.3/MSDS/ROHS/IEC62619
Upgrade Method	U-disk upgrade+Remote upgrade+PC upgrade