



LiFePO4 Lithium Battery Pack

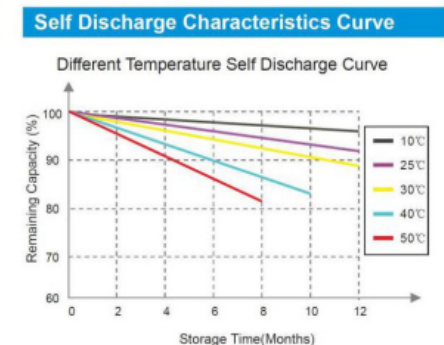
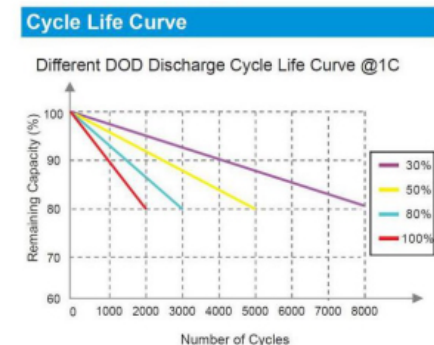
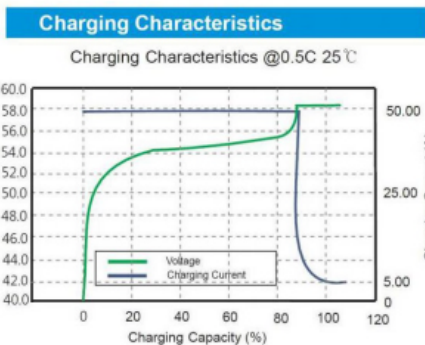
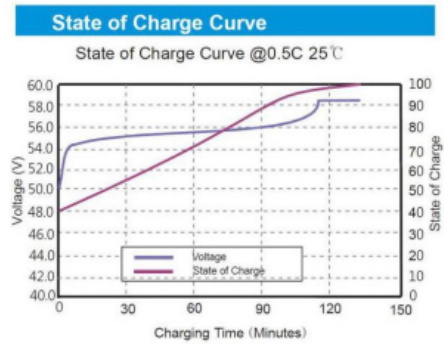
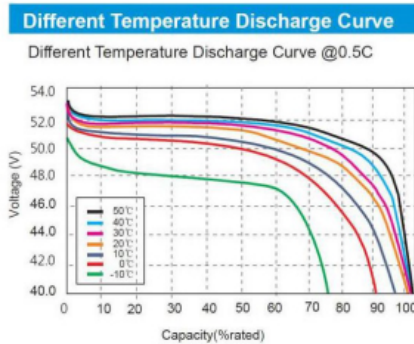
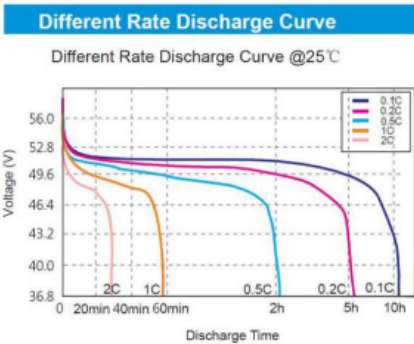
-The wall mounted | M-LFPW

Product Introduce

The wall mounted lithium iron phosphate battery pack is an energy storage system specially designed for intelligent machine rooms, home&commercial energy storage power supplies, and photovoltaic energy storage systems. The product is small in size, light in weight, and exquisite in appearance, featuring superior performance, stability and reliability, green environmental protection, high energy density, long charging and discharging cycle life, good safety performance, good compatibility and operability.



Curve of 48V LiFePO4 battery





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Main Features

- Long cycle life (4000 times), up to 10 years;
- Exquisite appearance and ultra light body;
- One button switch, convenient operation, high efficiency and energy saving;
- High compatibility BMS, compatible with energy storage inverters of all brands;
- Bluetooth communication is supported, and battery information and energy storage power status can be viewed through mobile phone APP;
- Support parallel capacity expansion, up to 16 parallel machines are supported, and the address is automatically obtained without manual operation;
- Multiple communication interfaces: RS232, RS485, CAN;
- The external connection is simple, saving installation time and cost;
- Wall mounted installation, easy installation, small space occupation;

Product Parameters

Model	M-LFPW4850	M-LFPW4860	M-LFPW48100	M-LFPW48120	M-LFPW48190
Series-parallel	16S1P-50AH	16S1P-60AH	16S1P-100AH	16S2P-60AH	16S1P-190AH
Dimensions (mm)	430*345*190 (±5)	550*320*145 (±5)	580*460*150 (±5)	625*550*145 (±5)	750*500*155 (±5)
Weight (kg)	≈32.0	≈38.0	≈50.0	≈60.0	≈70.0
Terminal	100A	100A	100A	100A	200A
Nominal Voltage	51.2V				
Nominal Capacity	50AH @ 0.2C	60AH @ 0.2C	100AH @ 0.2C	120AH @ 0.2C	190AH @ 0.2C
Energy	2560Wh	3072Wh	5120Wh	6144Wh	9728Wh
Recommended Charge Current	10A	15A	20A	20A	40A
Max. Charge Current	25A	30A	50A	50A	90A
Max. Continuous Discharge Current	50AH	50A	100A	100A	190A
Peak Discharge Current	60A(1S)	60A(1S)	110A(1S)	110A(1S)	200A(1S)
BMS Discharge Cut-off Voltage	41.6V				
Protection class	IP54				
Internal Resistance(AC)	< 50mΩ		Display		LED
Cycle Life	2000+ Cycles @ 1C 100% DOD		Container		Metal plate
Monthly Self Discharge	Less than 3.5% per month at 25℃		Charge Temperature		0~45℃
Efficiency of Charge	100% @ 0.5 C		Discharge Temperature		-20℃ to 60℃
Efficiency of Discharge	96~99% @1C		Storage Temperature		-20℃ to 60℃
Charge Voltage	57.6±0.2V		Communication Port		RS485/RS232/CAN
Charge Model	0.2C to 57.6V, then 57.6V, charge current to 0.02C		Maximum Modules in parallels		16P
Shipping Voltage	52-54.4V		Design Life(Year)		10