



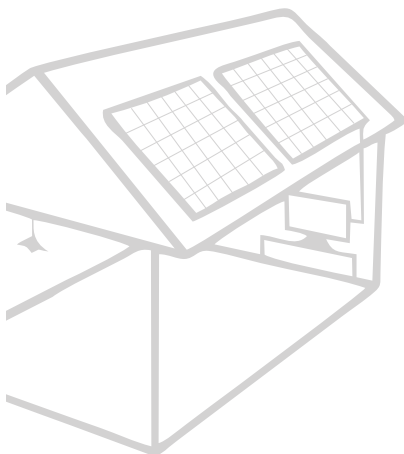
# GROUND-MOUNTED Mobile LiFePO4 Battery

## M-LFP48600

Equipped with a lithium iron phosphate battery cell with a long cycle life.



Suitable for homes, stores, offices, and other scenarios.



### ▶ High Energy Density

Advanced materials and processes are used to store more electrical energy in a limited volume, meeting various household electricity demands. 51.2V600Ah, 30.72KWh energy capacity, compact design.

### ▶ Long Cycle Life



It has an extremely long cycle life, with the cycle life being  $\geq 6000$  times, and the service life ranging from 5 to 10 years.

### ▶ High-Efficiency Charge - Discharge

Charge-discharge efficiency  $\geq 90\%$ , It supports fast charging and provides stable discharging, ensuring stable power supply for various electrical appliances.

### ▶ Environmental Protection and Safety

Environmentally friendly materials are selected, and the production process complies with environmental protection standards. Multiple safety protection designs are adopted to avoid potential safety hazards such as fires and electric leakage.

## Normal Parameters

No.	Item for Battery System		General Parameter	Remark
1	Model No#		M-LFP48600	
2	Nominal Voltage		51.2V	
3	Standard Capacity For Battery System		600Ah	
4	Energy		30.72 kWh	
5	Cycle Life		≥6000 cycles @80% DOD	
6	Period Warranty		5 years	
7	Short Circuit Protection		Yes	
9	Limited Charge Voltage		58.40V ±0.1V	
10	Floating Charge Voltage		55.20V ±0.1V	
11	Standard Charge Current		Constant current 0.2C, Constant Voltage 28.8V, 0.01C cut-off	CC/CV
12	Max. Charge Current		150.0A	
13	Cut-off Voltage		44.80V	
14	Max. Continuous Discharge Current		200.0A	
15	Operating Temperature	Charge	0~45°C, 45~85%RH	
		Discharge	-10~55°C, 45~85%RH	
16	Weight		Approx.225Kg	
17	Full voltage difference battery pack		≤ 20mV	Standard charging
18	IP grate		IP41	



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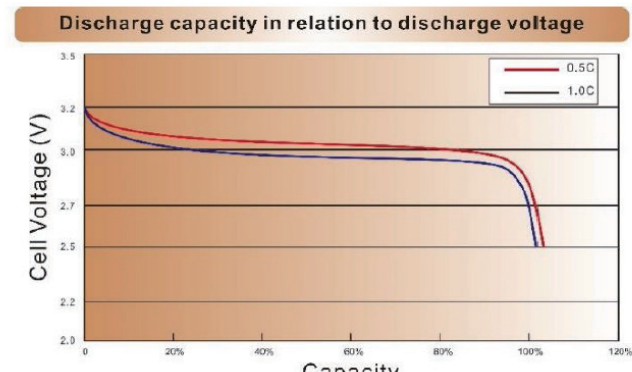
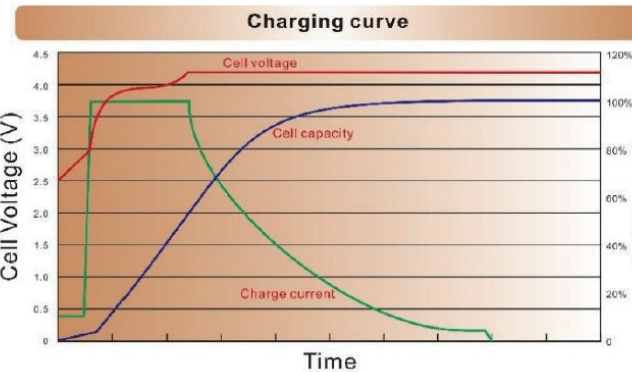
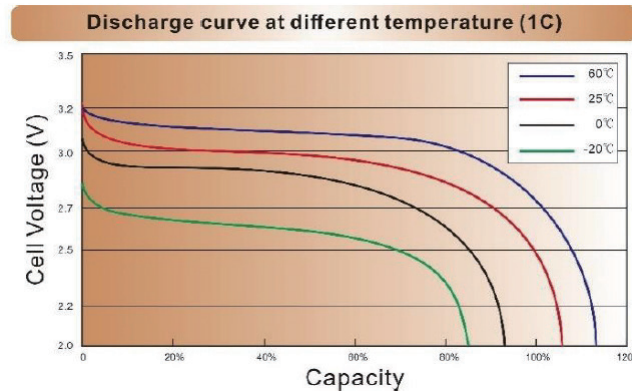
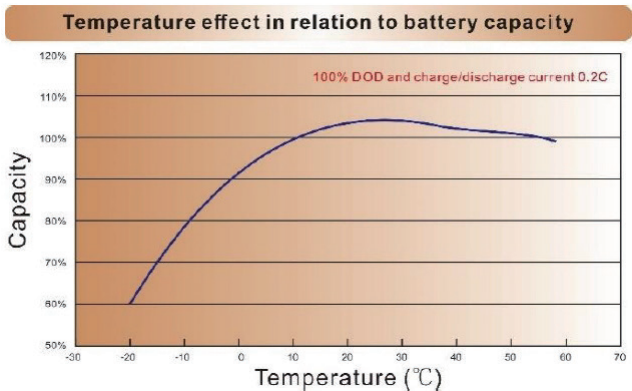
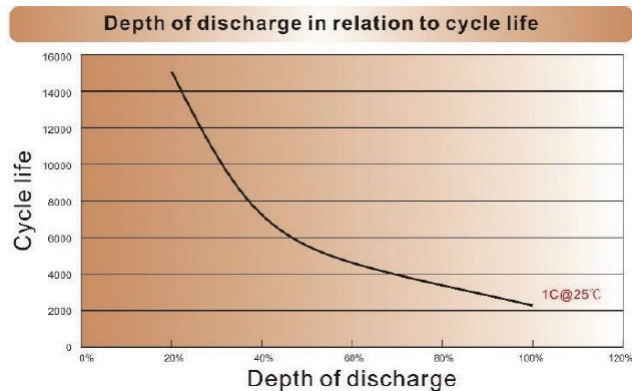
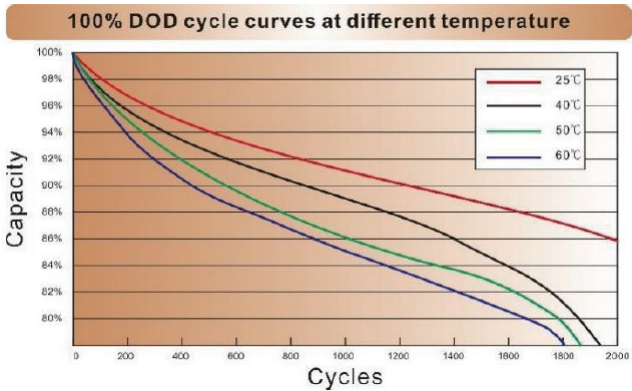


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# Battery Standard Performance Summary Chart



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