



New Energy

Lithium Battery Energy Storage System





Wall Mounted LiFePO4 Battery

5KWH / 10KWH



Battery Module	LES 100-48V / 51.2V	LES 200-48V / 51.2V
Combination method	15S	15S
Rated Capacity	Typical	100Ah
	Minimum	100Ah
Factory Voltage	49.5-50.5V / 52.8-53.9V	49.5-50.5V / 52.8-53.9V
	Voltage at end of Discharge	40-42.5V / 42.5-45.5V
Charging Voltage	53.2-54V / 56.8-57.6V	53.2-54V / 56.8-57.6V
Internal Impedance	≤50mΩ	≤50mΩ
Standard charge	20A	20A
Standard discharge	20A	20A
Maximum Continuous ChargeCurrent	100A	100A
Maximum Continuous Discharge Current	100A	100A
OperationTemperature Range	Charge: 0~45℃	Charge: 0~45℃
	Discharge: 0~45℃	Discharge: 0~45℃
Storage Temperature Range	Less than 12 months : -10~35℃;less than 3 months: -10~45℃;Less than 7 day : -20~65℃	
Cycle life	≥6000cycle	≥6000cycle
Dimensions	500*550*162 mm	480*650*230 mm
Weight	Approx 48kg / 52kg	Approx 88kg / 96kg



STACKABLE RACK MODULE LIFEPO4 BATTERY

AC Energy Storage System, Solar System, Telecom, UPS

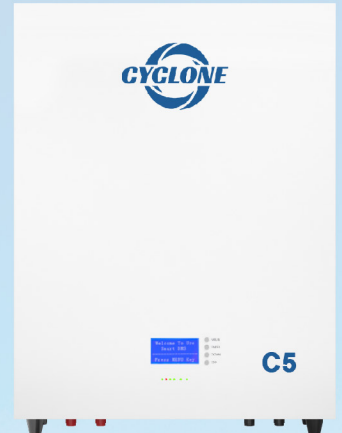


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Cycle life	≥6000cycle	≥6000cycle
Dimensions	442*430*177 mm	442*520*223mm
Weight	Approx 48kg / 52kg	Approx 85kg / 93kg



Product Advantages

Wall Mounted LiFePO4 Battery



Wall-mounted Lifepo4 battery is a high-capacity solar battery that can provide green and renewable energy for your entire home. Built-in ultra-intelligent independent BMS (Battery management System) provides strong protection against overcharge, overcurrent, short circuit, overheating and other damage. It is safe and reliable to use.

Stackable Rack Module LiFePO4 Battery



Series is a range of 24V/48V LiFePO4 (Lithium Iron phosphate) , for a wide variety of applications, such as telecom base station, UPS, renewable energy system, etc., with advanced life, standard size, light weight and strong environmental adaptability.

Configuring Meritsun's autonomous innovated and developed battery management system (BMS), long cycles use, and suitable for applying a daily charged application scenario like home solar.

Product Display

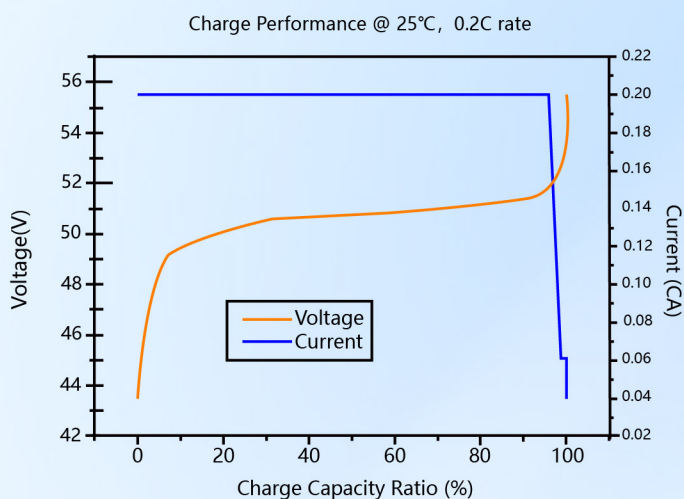
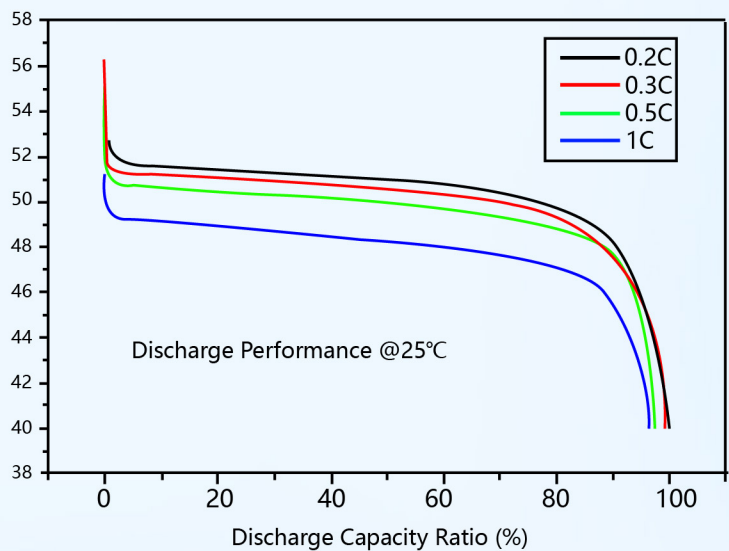
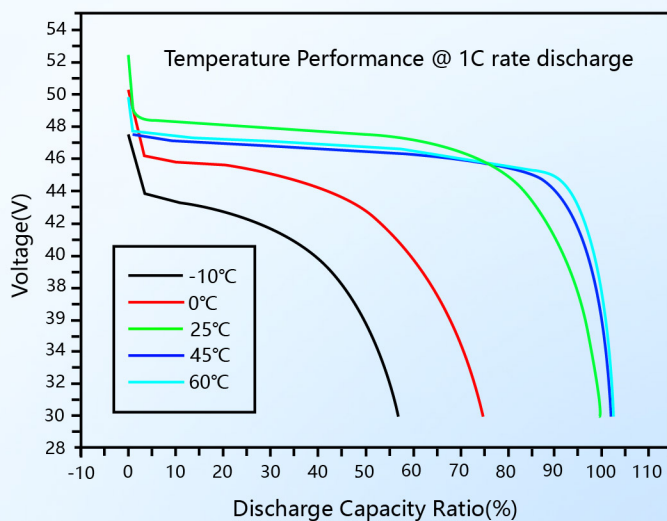
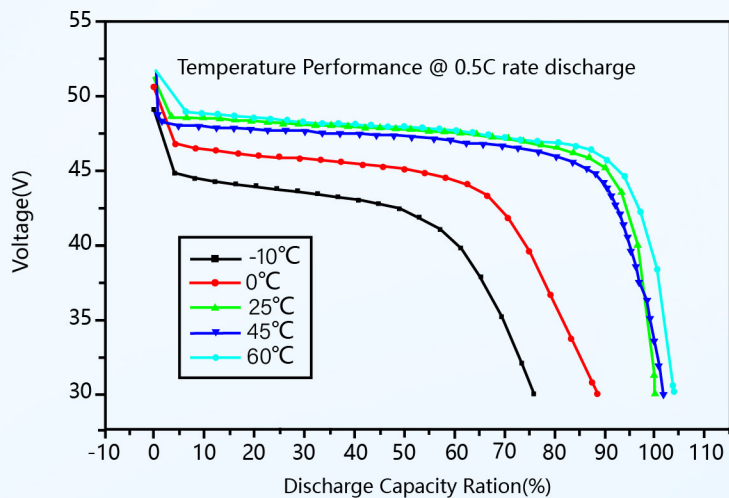
Wall Mounted LiFePO4 Battery



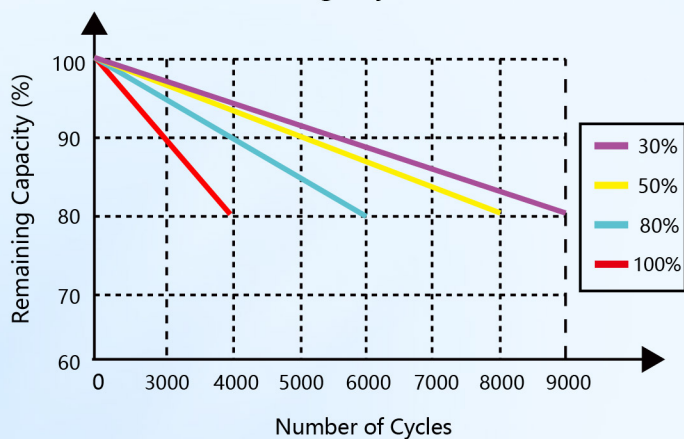
Stackable Rack Module LiFePO4 Battery



Discharge Curve & Charge Curve



Differenr DOD Discharge Cycle Life Curve @1C



Differenr Temperature Self Discharge Curve

