

# LI YUAN Battery

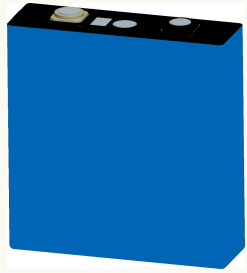




# About us

LIYUAN BATTERY CO.,LTD is principally engaged in Electric Vehicle Power and Energy Storage System integration business development, new energy technology (including lithium iron phosphate battery and electric vehicle motor high voltage control system development, research energy storage system, etc.)

Specifications		LiFePO <sub>4</sub>
Type		3.2V/280AH
Typical Capacity(Ah)		280Ah
Nominal Voltage(V)		3.2V
Weight (kg)		5.23±0.05 Kg
End-of-charge Voltage (V)		3.65V±0.05V
End-of-discharge Voltage (V)		2.5V
Charging Time (H)		4.0H(0.33C)
Charge Method	Standard charge method	Charge to 3.65V CC/CV at 0.33C A
	Rapid charge method	Charge to 3.65V CC/CV at 1C A
Max Continuous Discharge Current (A)		2C
Cycle Life	0.5C/0.5C charge/discharge	≥80%, after 4500cycles
Operating Temperature Range	Charge(°C)	0 ~55 °C
	Discharge(°C)	-20~55°C
	Storage(°C)	-10~45°C

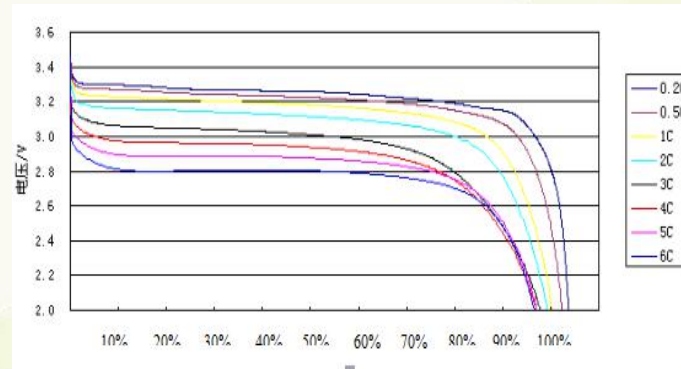


**3.2V280AH**

The battery  
Dimensions(L174\*W71.6\*H207mm)

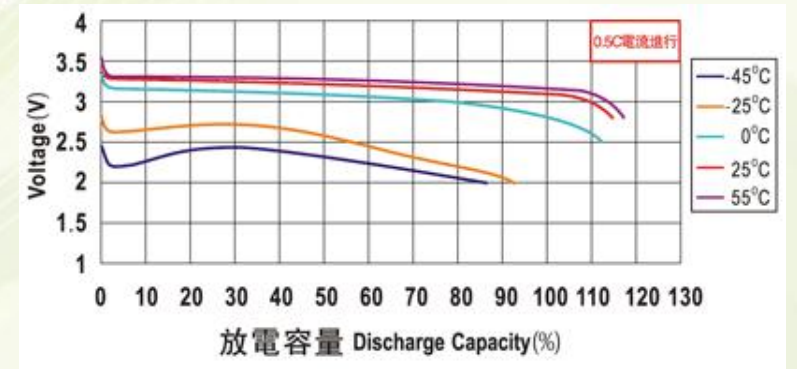
### the cell Discharge Temperature Characteristics

Charge:0.5C mA,3.65V,0.05CmA Cut-off(CC/CV)  
Discharge:0.2CmA;2.0V Cut-off  
Charge Temperature:25±3°C



### Characteristics

Charge:0.5C mA,3.65V,0.05CmA Cut-off(CC/CV)  
Discharge:0.5CmA,2.0V Cut-off  
Temperature:25±3°C





**Thank you  
for your attention!**