

General Information

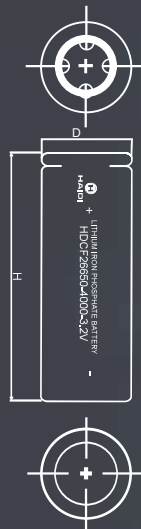
Haidi Lithium Iron Phosphate(LiFePO4) battery is a cylindrical cell which delivers high power and high energy density combined with ultra safety performance and long cycle service life.

Haidi LiFePO4 battery has a service life more than 2000 cycles at 100% depth of discharge and a remaining capacity of 80%.

Haidi LiFePO4 battery is an ideal of deep cycle and high rate discharge application. Our LiFePO4 battery has light weight and optimized size. It is widely used for electric vehicles, golf cart, lighting, power tools, UPS and energy storage system.



Dimension



Diameter	26.2±0.2mm (Max.)
Height	65.5±0.2mm (Max.)
Weight	92g (Max.)

Item	Specification
Normal Capacity	4000 mAh@1C
Normal Voltage	3.2V
Charge Voltage	3.65 ±0.05 V
Max. Charge Current	4000mA
Discharge Cut-off Voltage	2.0V
Standard Discharge Current	4000mA
Max. Continuous Discharge current	4000mA
Pulse Discharge Current	12000mA, 5S
Internal Resistance	≤20mΩ
Cycle Life	>2000 Cycles @100% DOD >4000 Cycles @80% DOD >8000 Cycles @50% DOD
Operating Temperature	Charge: 0°C~50°C Discharge: -20°C~65°C
Storage Temperature	-20°C ~ 45°C Short-Term Storage (<3 Months)
Weight	Max. 92.0g

Certificate



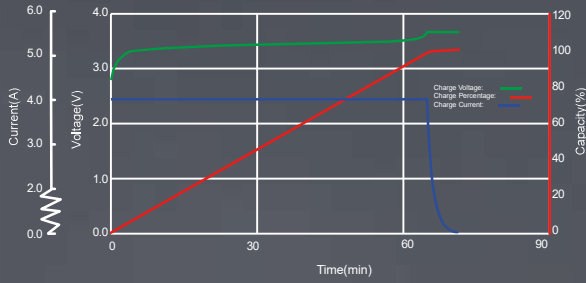
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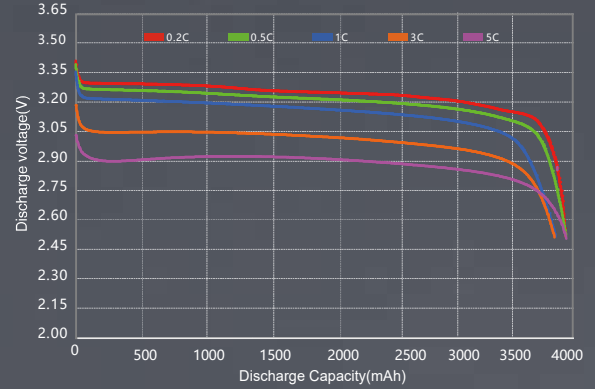
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Performance Characteristics

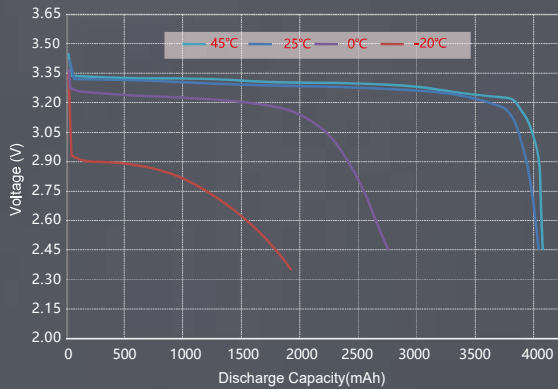
Charge Characteristics Curve



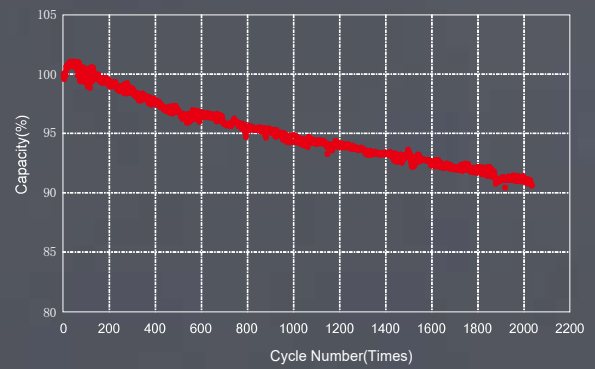
Discharge Curves at Different Rate



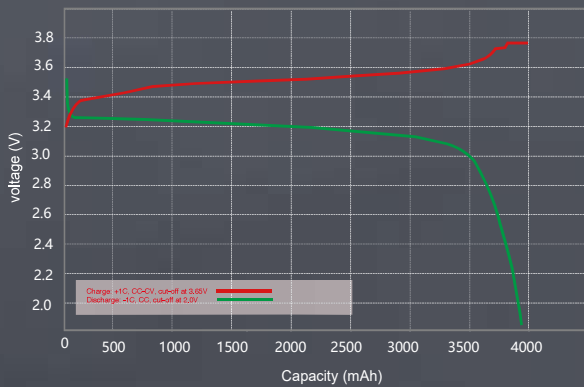
Discharge Curves at Different Temperatures



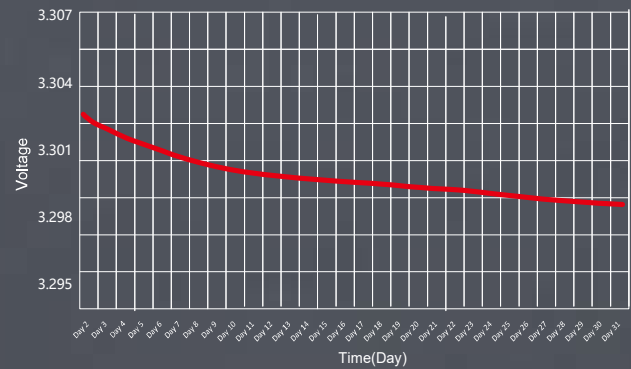
Cycle Curve



Charge & Discharge Curve



Self Discharge Curve



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