



LITHIUM IRON PHOSPHATE BATTERY

HDCF26650-4000-3.2V-1C

General Information

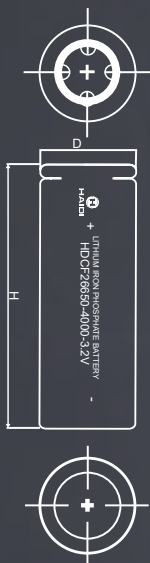
Haidi Lithium Iron Phosphate(LiFePO₄) battery is a cylindrical cell which delivers high power and high energy density combined with ultra safety performance and long cycle service life.

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 LiFe-PO₄ 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.)

Certificate



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

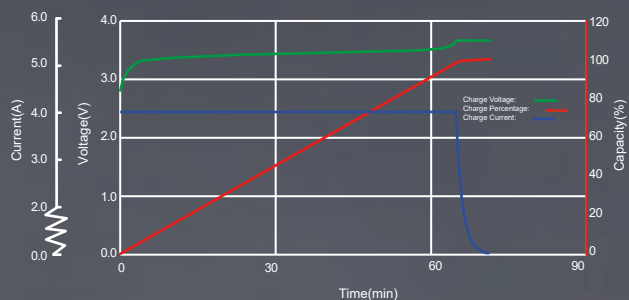
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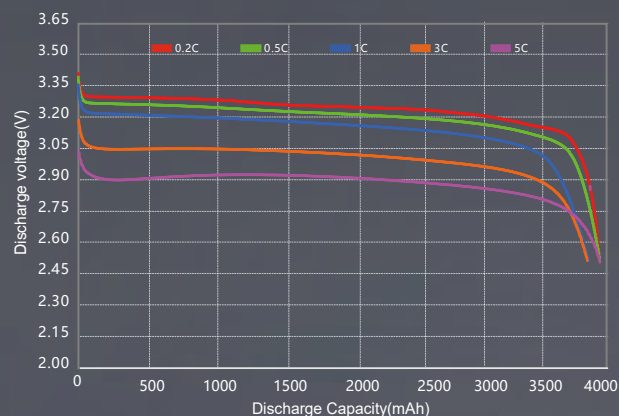
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Performance Characteristics

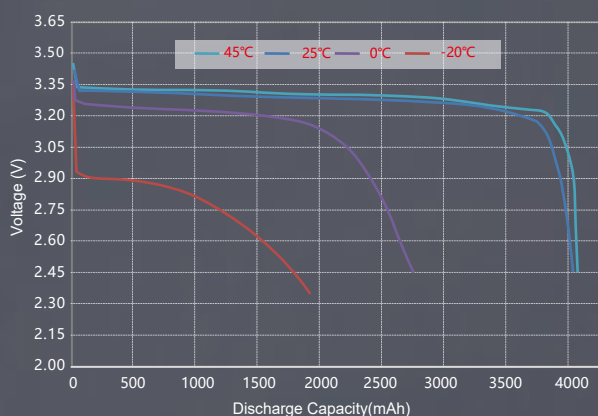
Charge Characteristics Curve



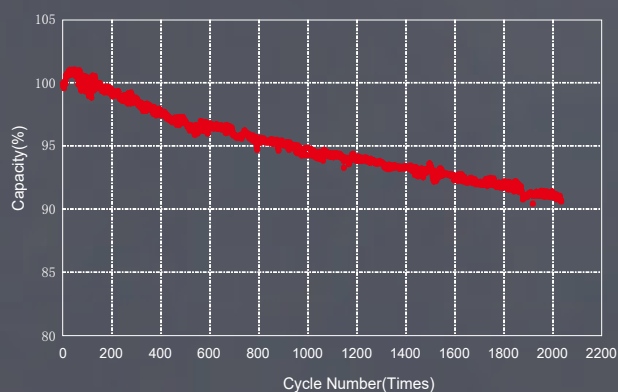
Discharge Curves at Different Rate



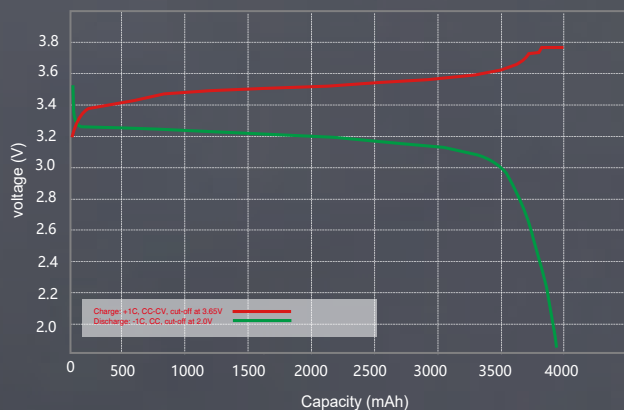
Discharge Curves at Different Temperatures



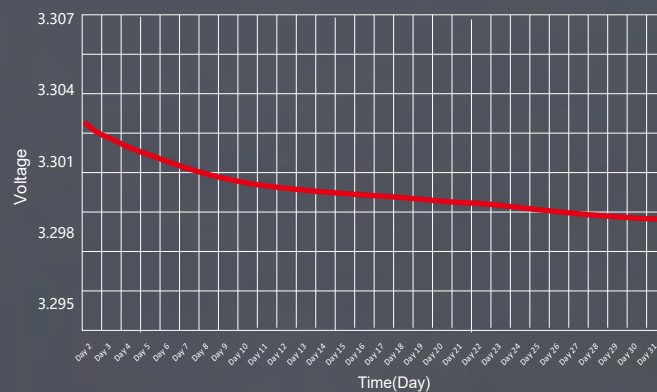
Cycle Curve



Charge & Discharge Curve



Self Discharge Curve



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