



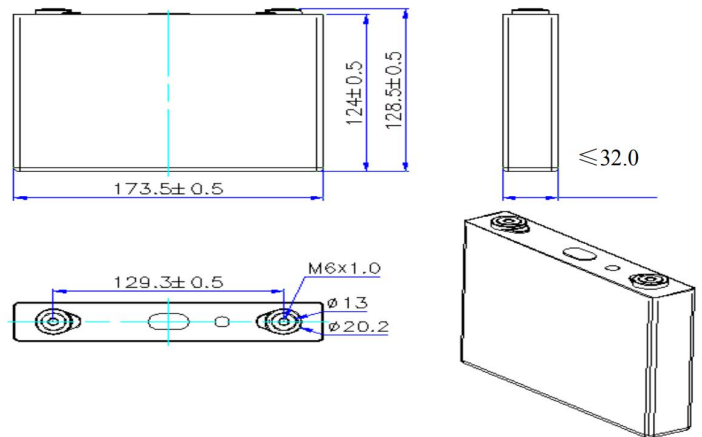
Features of Li-Iron Phosphate Battery

- **Longer Cycle Life:** Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.
- **Lighter Weight:** About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.
- **Higher Power:** Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.
- **Wider Temperature Range:** -20 C~60 C .
- **Superior Safety:** Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.
- **Increased Flexibility:** Modular design enables deployment with several batteries both in series and in parallel.

SGS

- MSDS
- UN38.3
- KC
- CE
- FCC

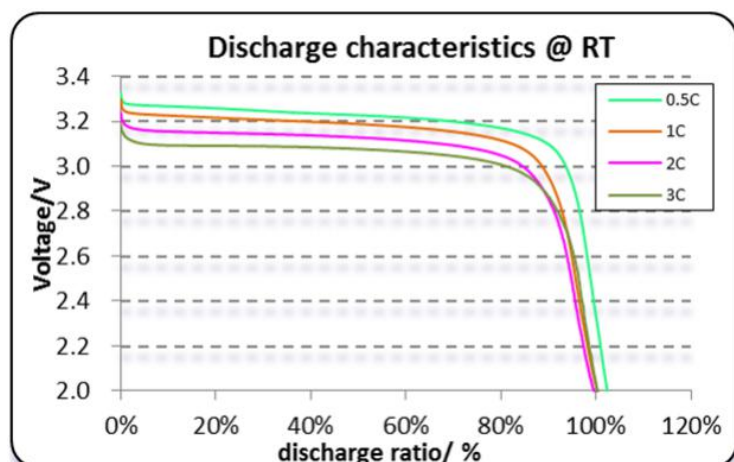
Physical Dimension



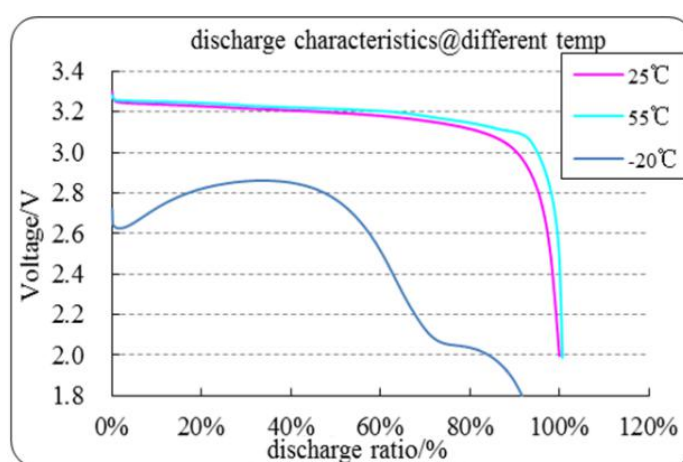
Specification

Electrical Characteristics	Nominal Voltage	3.2V
	Nominal Capacity	60Ah
	Energy	192Wh
	Internal Resistance	≤2mΩ
	Cycle Life	>2000 cycles @0.2C 80%DOD
	Months Self Discharge	<3%
	Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96~99% @0.5C
Standard Charge	Charge Voltage	3.65V
	Charge Mode	0.5C to 4.2V, then 4.2V,charge current to 0.02C ₅ A (CC/CV)
	Charger Current	12A
	Max. Charge Current	2.0C ₅ A
	Charge Cut-off Voltage	3.65±0.03V .
Standard Discharge	Continuous Current	12A
	Max.Discharge Current	3.0C ₅ A
	Pulse discharge current	5C ₅ A(<10S,SOC>20%)
	Discharge Cut-off Voltage	2.0V
Environmental	Charge Temperature	0°C to 45°C @60±25% Relative Humidity
	Discharge Temperature	-20°C to 55°C @60±25% Relative Humidity
	Storage Temperature	0°C to 30°C @60±25% Relative Humidity
	Water Dust Resistance	/
Mechanical	Dimensions (mm.)	32.0*173.5*128.5mm MAX
	Weight (g.)	Approx:1410g

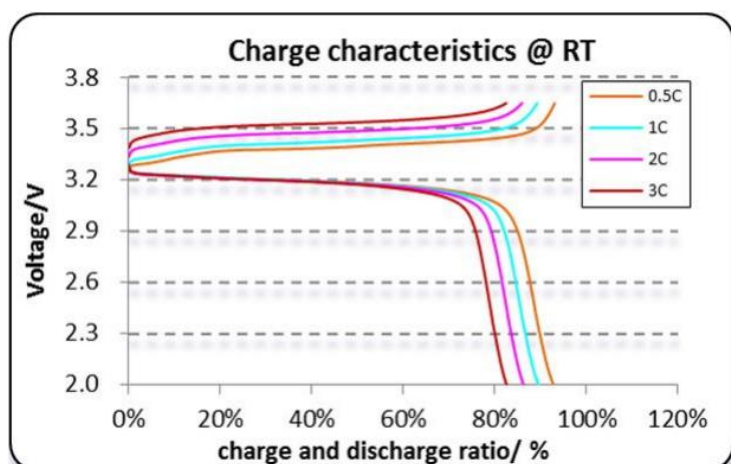
Different Rate Discharge Curve



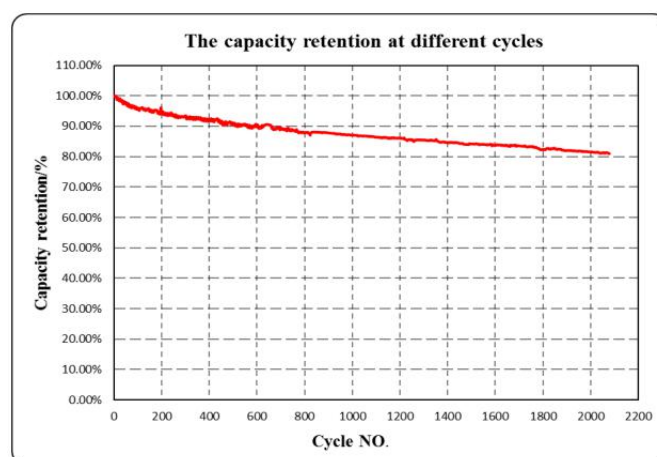
Different Temperature Discharge Curve



Different Rate Charge Curve



Cycle Life Curve



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