

LIP1280036 12.8V3.6Ah

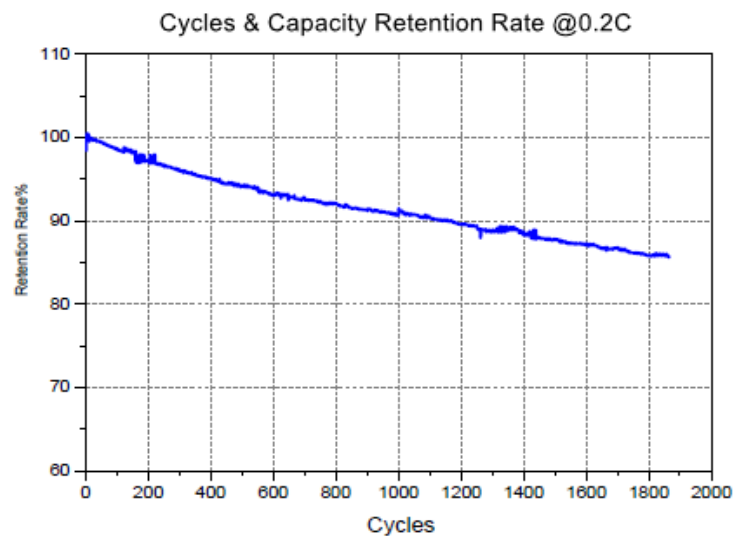
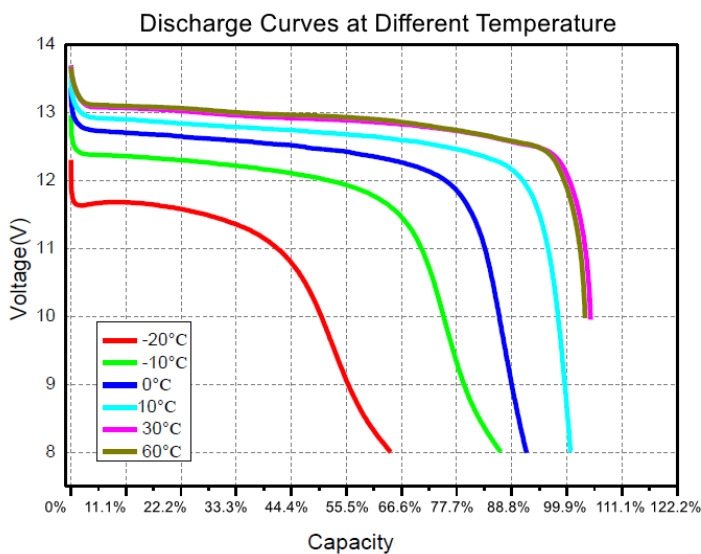
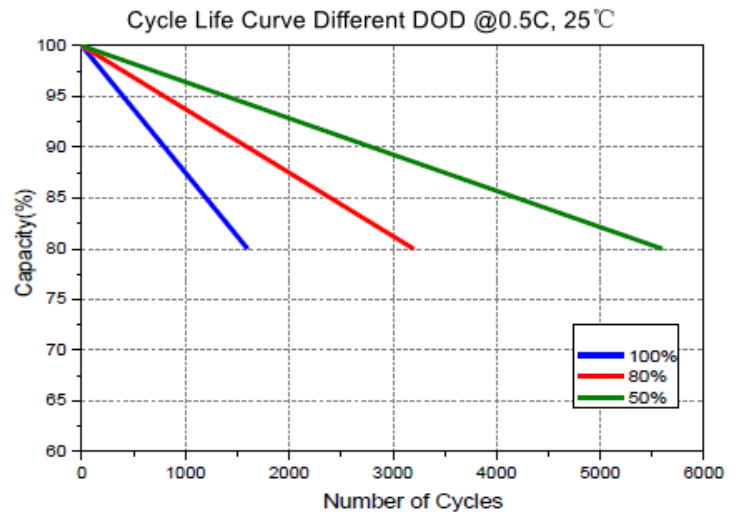
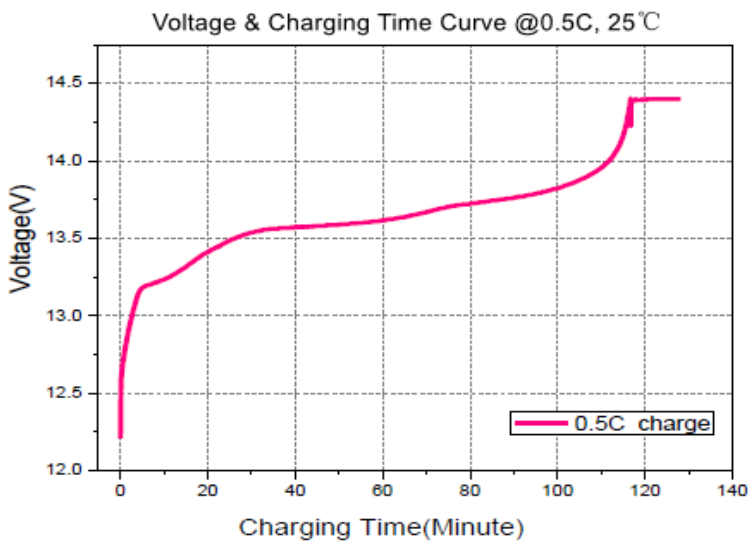
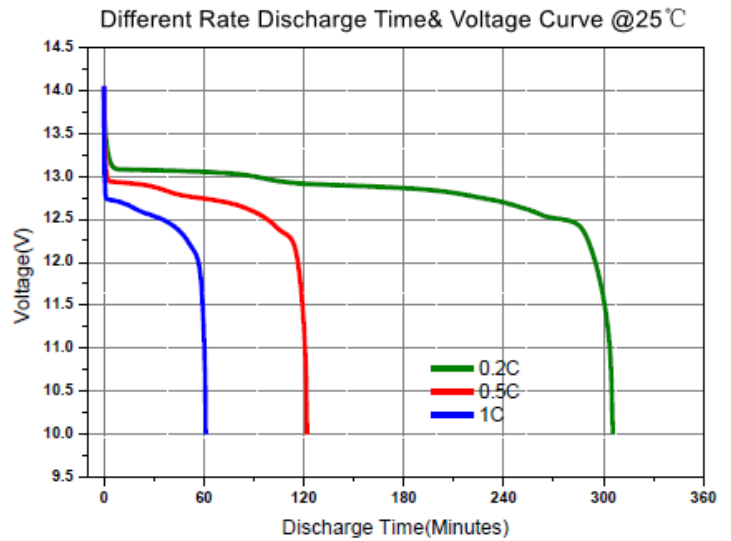
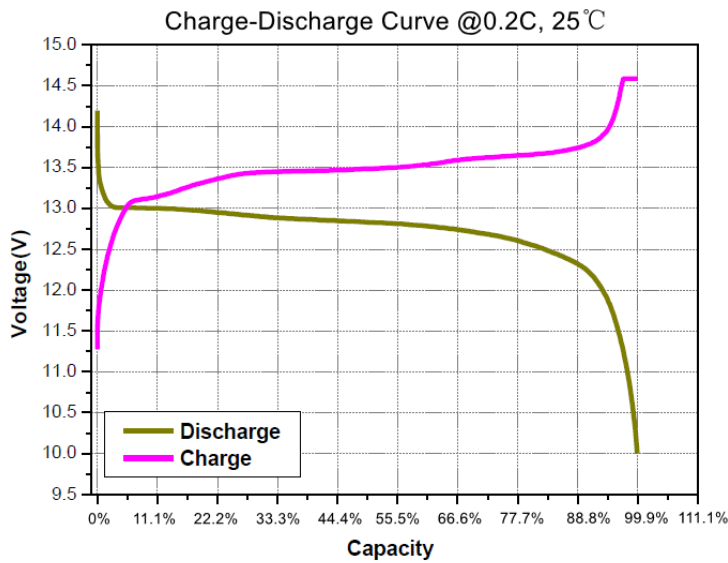
Features of LiFePO4 Battery

- ◆ **Long cycle time:** Provide 10 times longer cycle life than lead acid battery. Minimize replacement cost and reduce total cost of ownership.
- ◆ **Higher power:** Deliver twice power with higher discharge rate compared with lead acid battery. It also can sustain higher charge current and reduce the charge time.
- ◆ **Lighter weight:** It's only 50% of the lead-acid batter weight. Easy plug-and-play replacement for lead acid battery.
- ◆ **Wider temperature range:** -20°C-60°C.
- ◆ **Super safety:** Lithium Iron phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharged or short circuit situation.
- ◆ **Environment friendly:** Lithium battery materials do not have any poisonous and harmful substances whether in production or in use. Now it has been widely accepted by more and more countries.

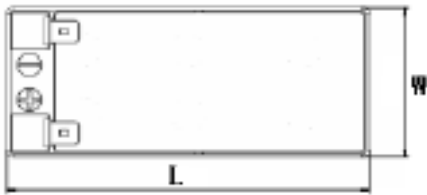
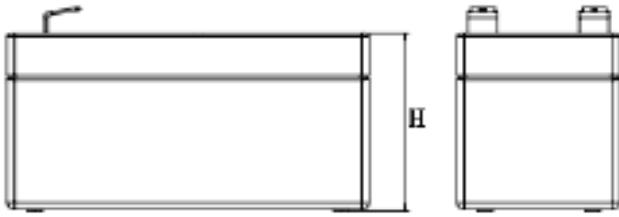
Specification

Electrical Characteristics	Normal Voltage	12.8V
	Rated Capacity	3.6±0.2Ah(0.2C)
	Energy	46.08Wh
	Internal Resistance	≤150mΩ
	Cycle Life	≥1,600@0.2C (100%DOD) ≥3,200@0.2C (80%DOD) ≥5,600@0.2C (50%DOD)
	Passive Protection Function	Over charge protection, Over discharge protection
Standard Charge	Charge Voltage	14.4±0.15V
	Charge Mode	0.2C to 14.4V, then 14.4V charge current ends at 0.02C (CC/CV)
	Charge Current	0.72A
	Max. Charge Current	1.8A
Standard Discharge	Continuous Current	1.8A
	Max Continuous Current	≤3.6A
	Max. Pulse Current	4-10A(≤20ms)
	Discharge Cut-off Voltage	10.0V
Environmental	Charge Temperature	0°C to 45°C
	Discharge Temperature	-20°C to 60°C
	Storage Temperature	0°C to 40°C
Mechanical	Material of Case	Plastic
	L (mm) ×W (mm) × H (mm)	(134±1)×(65±1)×(60±2)
	Weight	0.5±0.1kg
	Terminal	T1/T2

Electrical performance



Physical Dimension



Unit: mm
L: 134±1
W: 65±1
H: 60±2



Please consult with Akku Tronics for further information.

Akku Tronics New Energy Technology Co., Ltd

The right Lithium Battery Solution