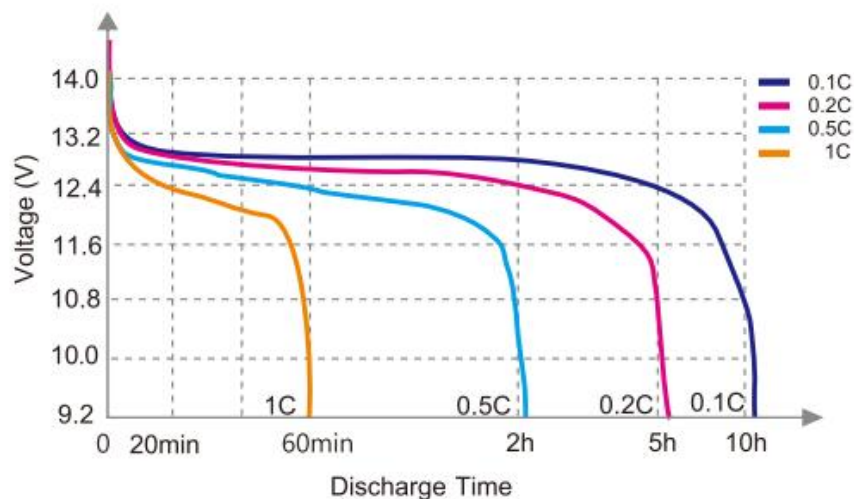
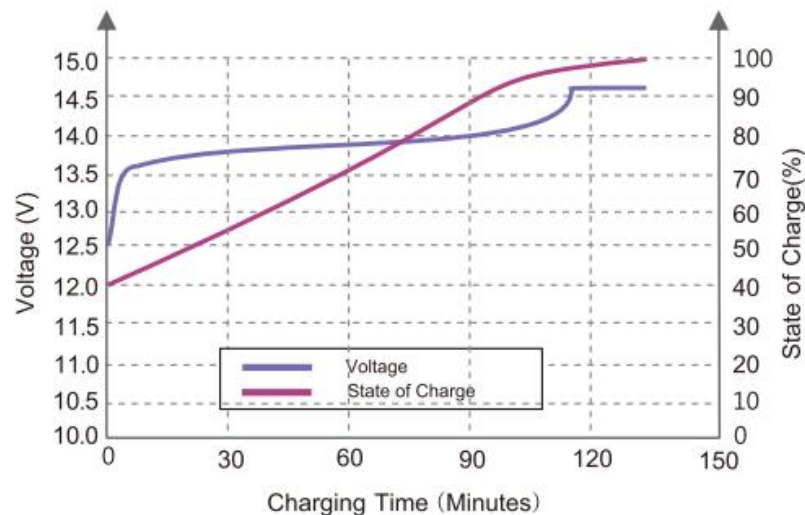


Product Image		Physical Specifications(LiFePO4)	
		Length	330 ± 2 mm
		Width	174 ± 2 mm
		Height	220 ± 2 mm
		Weight	10 Kg
		Container	ABS+PC
		Terminal	M8
Technical Specifications			
Nominal Voltage	12.8 V	Recommended Charge Current	50 A
Nominal Capacity	100 AH @ 0.2C	Max. Charge Current	100 A
Energy	1280 Wh	Max. Continuous Discharge Current	100 A
Internal Resistance (AC)	32 mΩ	Peak Discharge Current	200 A (3S)
Cycle Life	4000+ Cycles @ 1C 100% DOD	BMS Discharge Cut-off Voltage	10 V
Monthly Self Discharge	Less than 2%	Charge Temperature	0~45 °C
Efficiency of Charge	100% @ 0.5 C	Discharge Temperature	-20°C to 60 °C
Efficiency of Discharge	96~99% @1 C	Storage Temperature	-20°C to 60 °C
Charge Voltage	14.6 ± 0.2 V	IP Class	IP65
Charge Model	0.2C to 14.6 V , then 14.6 V , charge current to 0.02C	Maximum Modules in Series/parallels	4S or 4P
Optional function	Bluetooth, heating, CAN	Standard warranty	3 years

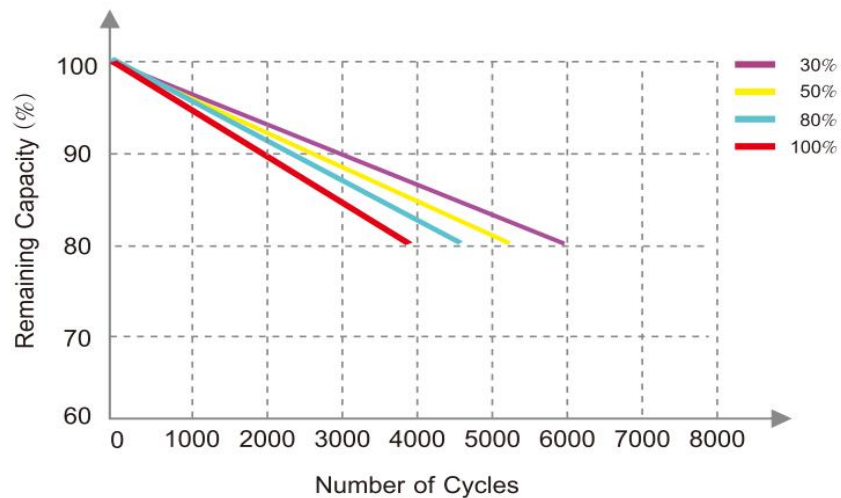
Different Rate Discharge Curve(25°C)



State of Charge Curve(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(1C)



Typical Applications

- Drop-in Replacement of lead-acid battery series
- Solar/household/Wind energy storage
- RV/motor homes/caravan power supply
- Outdoor Activities
- Boat/Fishing/Marine
- EPS/UPS