

▶ Product Appearance



▶ Product Size



Net Weight: 122.5±0.5kg

▶ Packaging Size



Gross Weight: 143±0.5kg

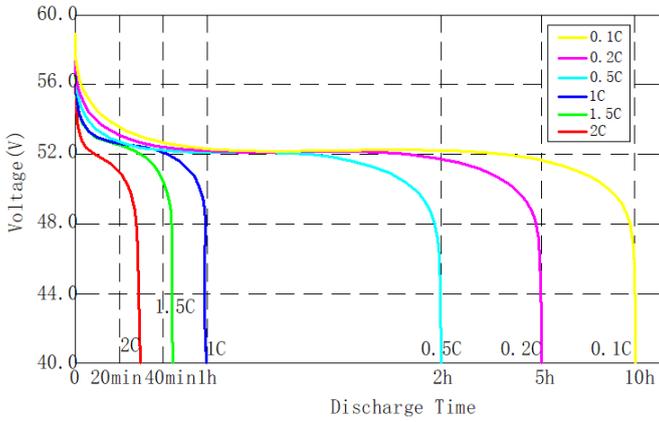
▶ Features

- A grade brand new prismatic LiFePO₄ cells
- > 8000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- LCD display screen to monitor cell SOC, voltage, temperature and alarm status
- Cell balance function & Built-in fire suppression module
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS IEC62619
- Max 8 battery packs can be connected in parallel

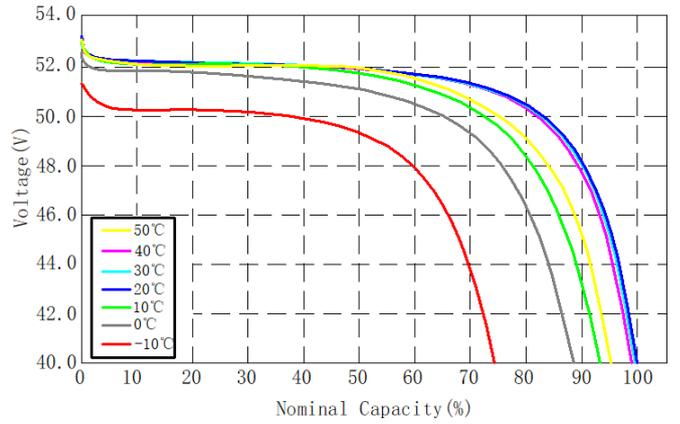
▶ Electrical Characteristics

Model	EF51314A
Electrical Parameter	
Battery Type	LiFePO ₄
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	314
Energy (Wh)	16076
Pack Mode	16S1P
Continuous Discharge Current (A)	100
Charge Cut-off Voltage (V)	57.6
Discharge Cut-off Voltage (V)	41.6
Max.Charge Current (A)	100
Max.Discharge Current (A)	200
Recommend Discharge Current (A)	100
Recommend Discharge Depth (%)	80
Cycle Life	> 8000 cycles (25°C, 0.5C) 80% DOD
Function	Breaker
Communication	RS485 RS232 CAN
Display	LCD
Mounting	Floor-mounted
Environmental Parameter	
Charge&Discharge Temperature (°C)	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (°C)	5°C ~ +35°C
Relative Humidity	40%~80%
Ingress Protection	IP65
Mechanical Parameter	
Terminal	Quick-plug
Dimensions (L*W*H) (mm)	500*245*850
Weight (Kg)	122.5±0.5
Certification	UN38.3 MSDS IEC62619

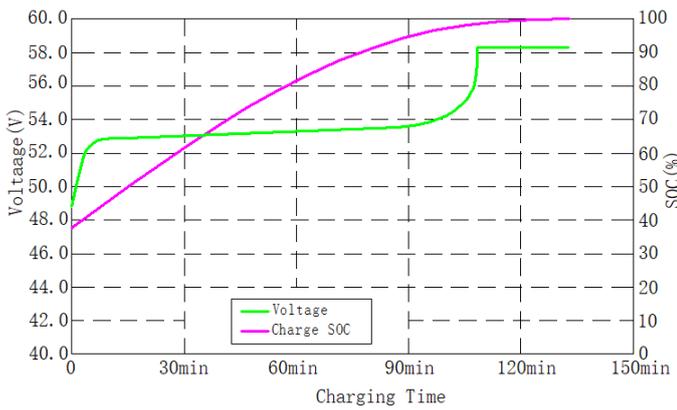
Different Rate Discharge Curve@25°C



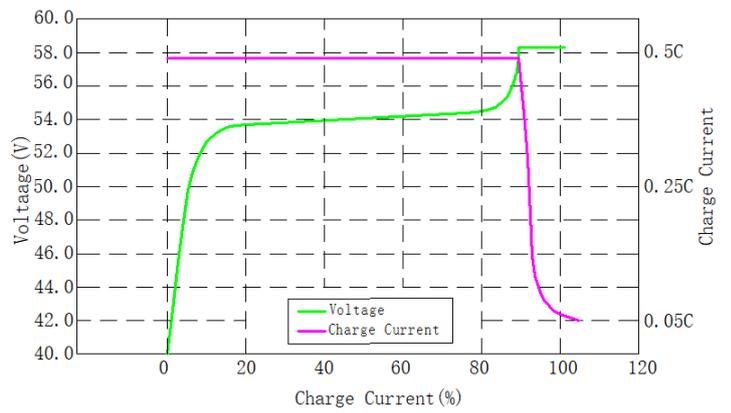
Different Temperature Discharge Curve@0.5C



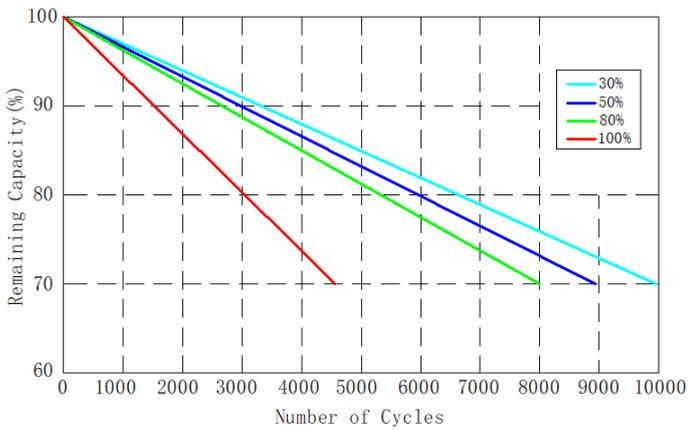
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



Different DOD Discharge Cycle Life Curve@0.5C 25°C



Different Temperature Self Discharge Curve

