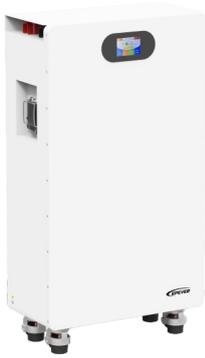


### ▶ Product Appearance



### ▶ Product Size



Net Weight: 119.5±0.5kg

### ▶ Packaging Size



Gross Weight: 141±0.5kg

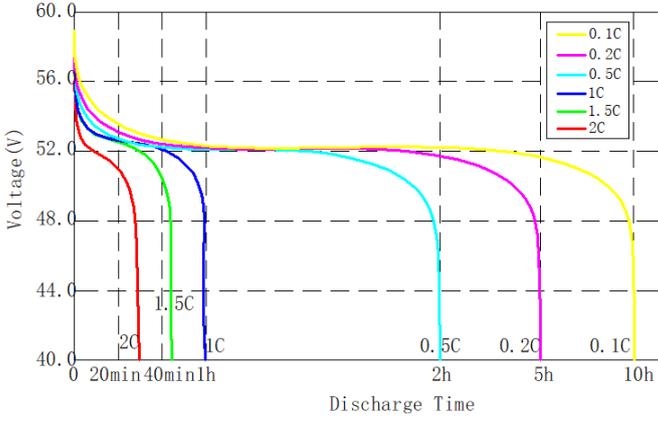
### ▶ Features

- A grade brand new prismatic LiFePO<sub>4</sub> 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
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS IEC62619
- Max 8 battery packs can be connected in parallel

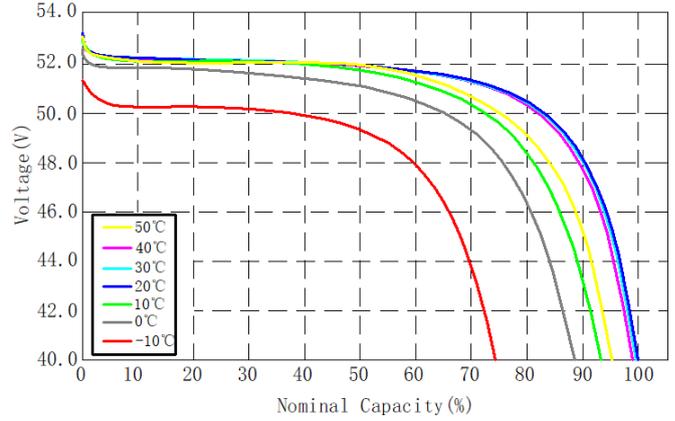
### ▶ Electrical Characteristics

Model	EF51280A
<b>Electrical Parameter</b>	
Battery Type	LiFePO <sub>4</sub>
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	280
Energy (Wh)	14336
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
<b>Environmental Parameter</b>	
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
<b>Mechanical Parameter</b>	
Terminal	Quick-plug
Dimensions (L*W*H) (mm)	500*245*850
Weight (Kg)	119.5±0.5
<b>Certification</b>	UN38.3 MSDS IEC62619

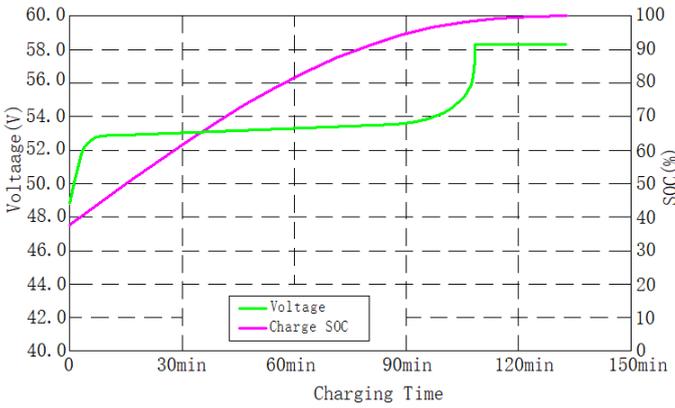
Different Rate Discharge Curve@25°C



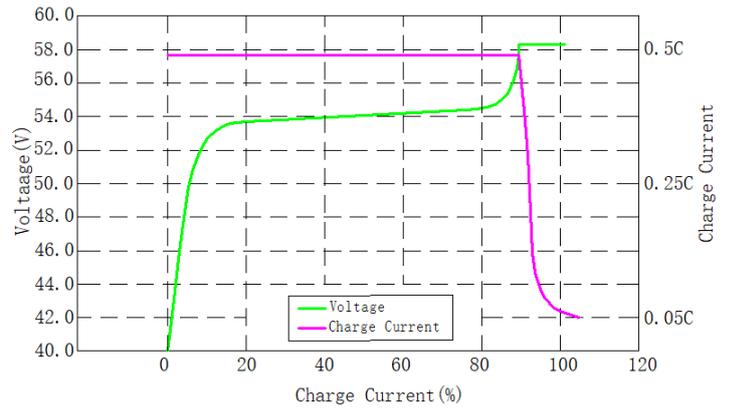
Different Temperature Discharge Curve@0.5C



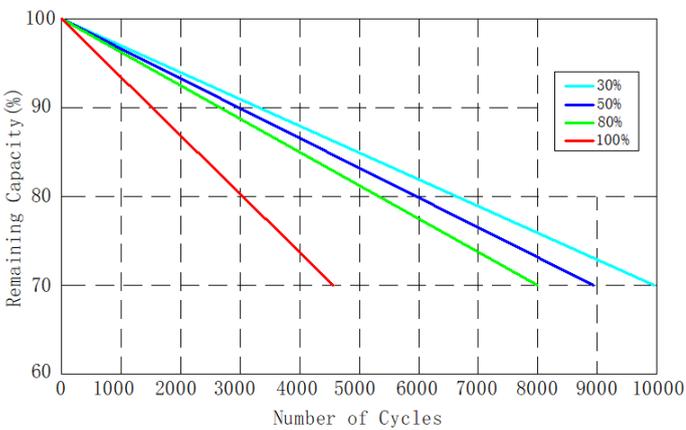
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

