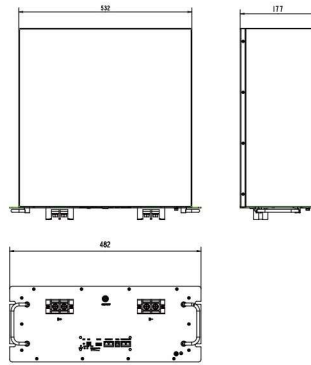


▶ Product Appearance

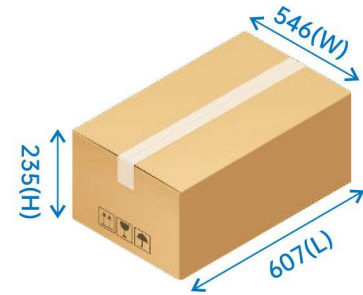


▶ Product Size



Net Weight: 45.4±0.5kg

▶ Packaging Size



Gross Weight: 48.4±0.5kg

▶ Features

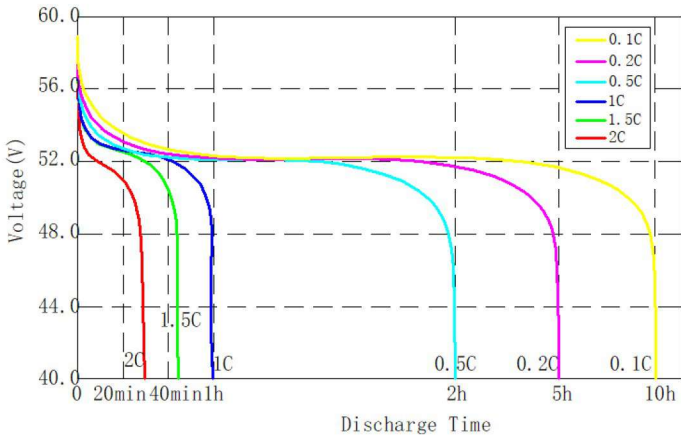
- A grade brand new prismatic LiFePO₄ cells
- ≥4000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Cell balance function
- Support RS485, CAN, RS232 communication
- Max.8 battery packs can be connected in parallel

▶ Technical Specifications

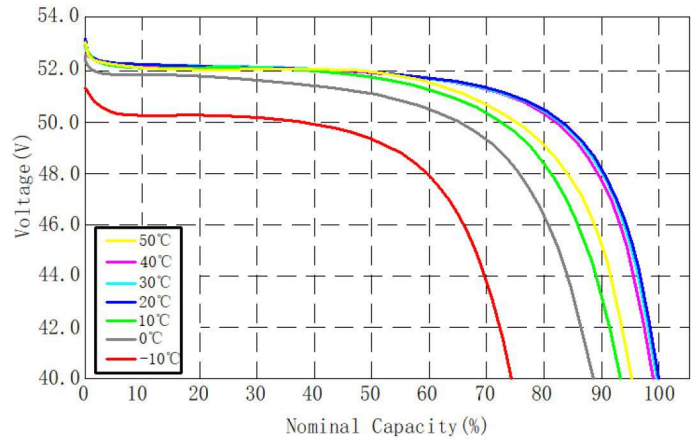
Model	LFP5.12KWH51.2V-P20R1
Battery Type	LiFePO ₄
Nominal Voltage (V)	51.2
Nominal Capacity (AH)	100
Energy (WH)	5120
Pack Mode	16S1P
Continuous Discharge Current (A)	50
Charge Cut-off Voltage (V)	57.6
Discharge Cut-off Voltage (V)	41.6
Max.Charge Current (A)	50
Max.Discharge Current (A)	100
Peak Discharge Current (A)	130@10S
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	≥4000 cycles (25°C, 0.5C) 80% DOD
Communication	RS485 CAN RS232
Display	LED
Charge&Discharge Temperature (°C)	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (°C)	5°C ~ +35°C
Recommend Storage Humidity	20%~80%
Terminal	M6
Dimensions (L*W*H) (mm)	532*482*177
Weight (Kg)	45.4±0.5
Certificate	UN38.3、MSDS、IEC62619、EN IEC61000-6-1/2/3/4
IP Class	IP20



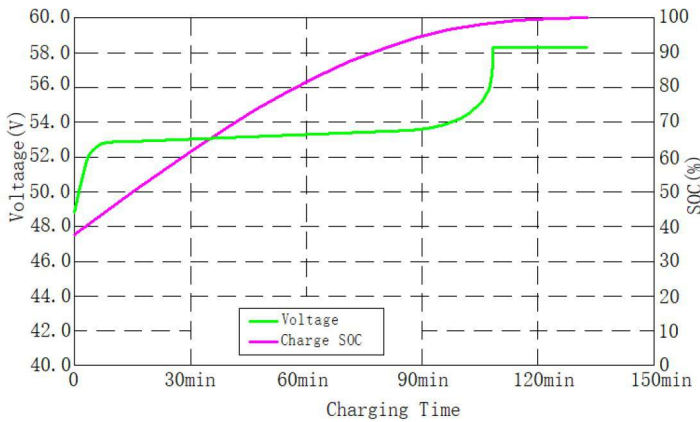
Different Rate Discharge Curve@25°C



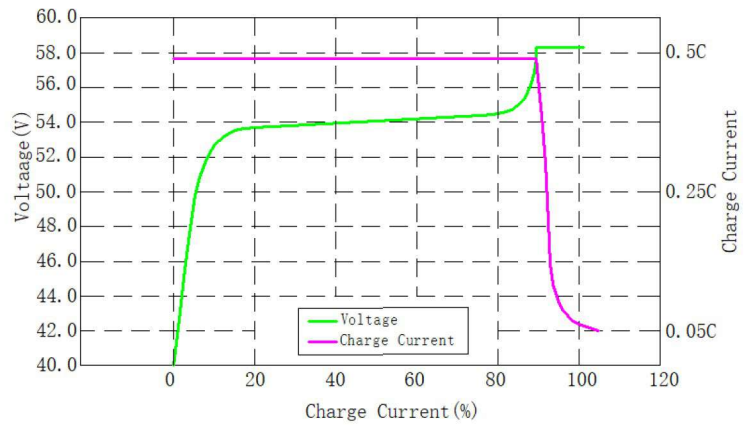
Different Temperature Discharge Curve@0.5C



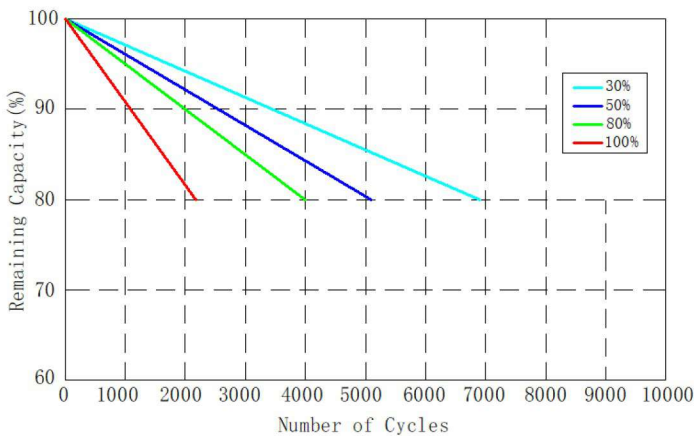
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

