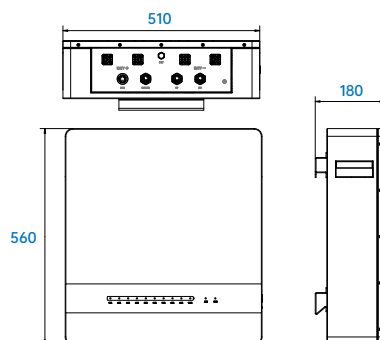


► Product Appearance

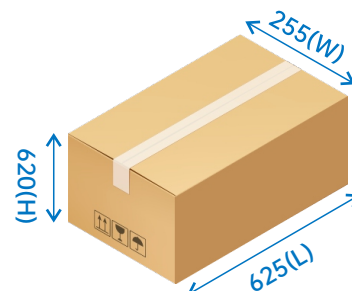


► Product Size



Net Weight: 49.8±0.5kg

► Packaging Size



Gross Weight: 57.9±0.5kg

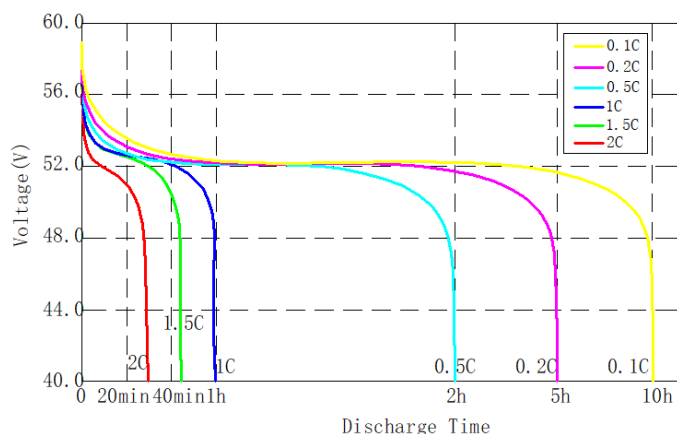
► Features

- A grade brand new prismatic LiFePO₄ cells
- > 5000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- LED less power consumption, high brightness, long visual distance
- Cell balance function
- Wall-mounted style
- Certificate: UN38.3, MSDS, IEC62619
- Max 8 battery packs can be connected in parallel

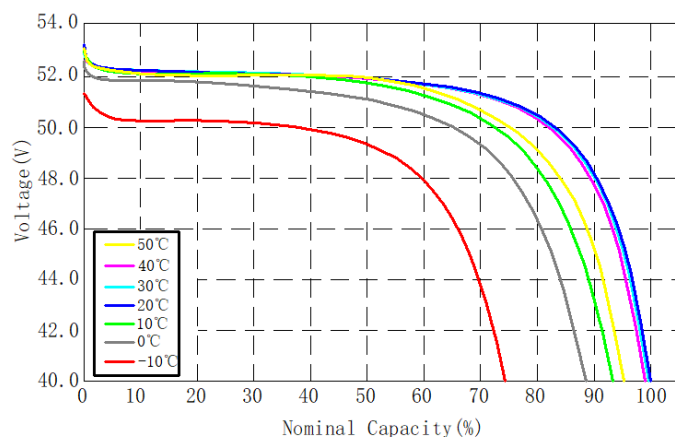
► Electrical Characteristics

Model	LFP5.12KWH51.2V-P65H1EV50	
Electrical Parameter		
Battery type	LiFePO4	
Nominal voltage	51.2V	
Nominal capacity	100Ah	
Energy	5120Wh	
Continuous discharge current	50A	
Charge cut-off voltage	57.6V	
Discharge cut-off voltage	41.6V	
Max. charge current	50A	
Max. discharge current	100A	
Peak discharge current	120A	
Recommend discharge current	50A	
Cycle life	> 5000 cycles (25°C, 0.5C) 80%DOD	
Communication	RS485 CAN RS232	
Display	LED	
Open-circuit voltage	50.88~53.6V	
Number of series/parallel	Max 8 battery packs in parallel	
Environmental Parameter		
Charge & discharge temperature	Charge: 0°C~+55°C Discharge: -20°C~+60°C	
Storage temperature range	5°C ~ +35°C	
Relative humidity	40%-80%	
Ingress protection	IP65	
Mechanical Parameter		
Terminal	Quick-plug	
Dimension (L x W x H) (mm)	510x180x560	
Weight (kg)	49.8±0.5	
Certification	UN38.3, MSDS, IEC62619, ROHS	

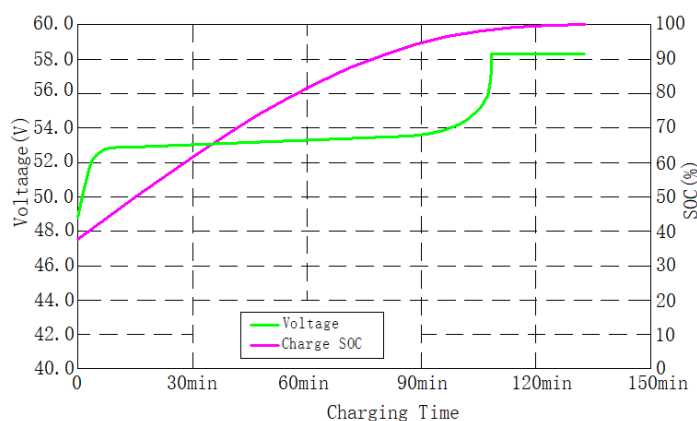
Different Rate Discharge Curve@25°C



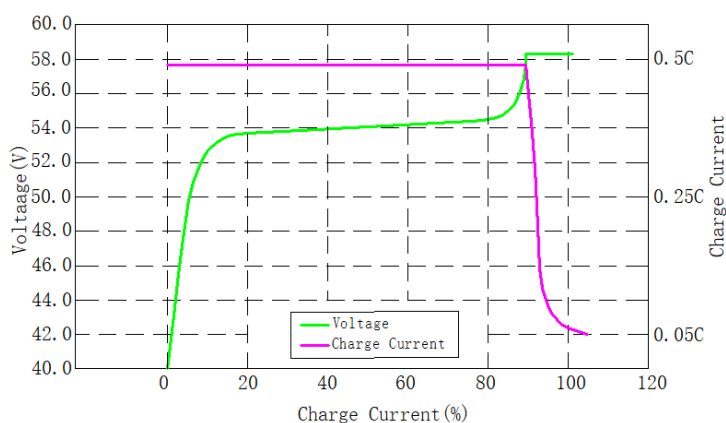
Different Temperature Discharge Curve@0.5C



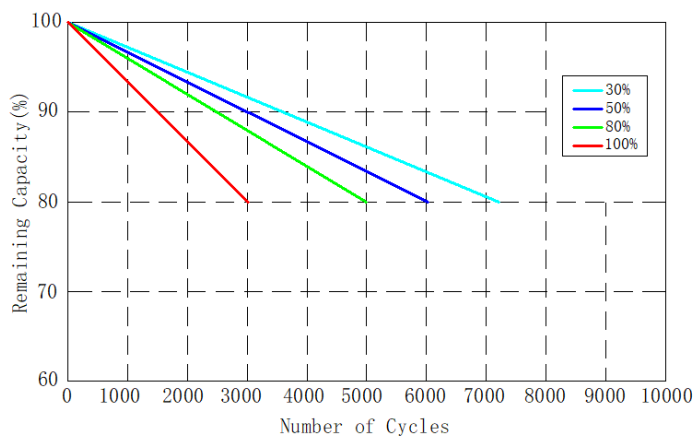
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

