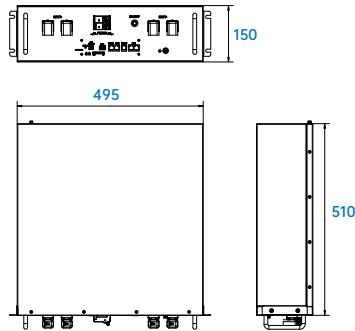


### ▶ Product Appearance

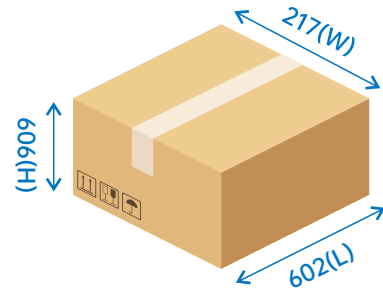


### ▶ Product Size



Net Weight: 47.8±0.5kg

### ▶ Packaging Size



Gross Weight: 54.1±0.5kg

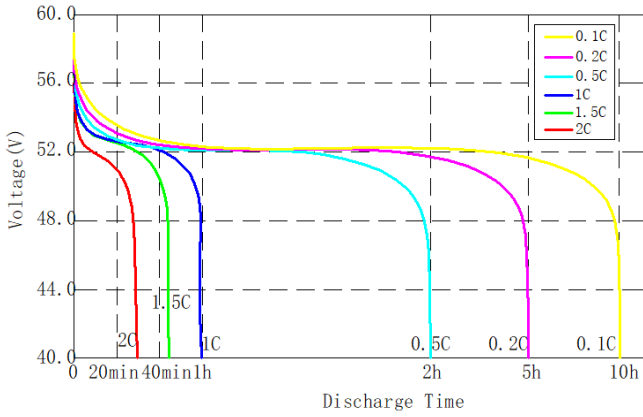
### ▶ Features

- A grade brand new prismatic LiFePO<sub>4</sub> cells
- > 6000 cycles @90% 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
- Metal Case, excellent heat dissipation, more safety
- Rack-mounted style
- Certificate: UN38.3, MSDS, IEC62619
- Max 8 battery packs can be connected in parallel

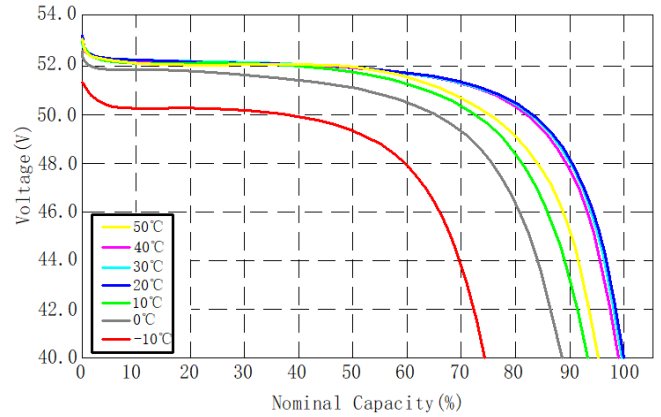
### ▶ Technical Specifications

Model		LFP5.12KWH51.2V-P20R5
<b>Electrical Parameter</b>		
Battery type		LiFePO <sub>4</sub>
Nominal voltage		51.2V
Nominal capacity		100Ah
Energy		5120Wh
Pack mode		16S1P
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
Recommend discharge depth		80%
Cycle life		> 6000 cycles (25°C, 0.5C ) 90% DOD
Communication		RS485/RS232/CAN
Display		LED
<b>Environmental Parameter</b>		
Charge & discharge temperature		Charge: 0°C~+55°C Discharge: -20°C~+60°C
Optimal storage temperature		5°C ~ +35°C
Relative humidity		40%-80%
Ingress protection		IP20
<b>Mechanical Parameter</b>		
Terminal		M6
Dimensions (WxHxD) (mm)		495x510x150
Weight (Kg)		47.8±0.5
<b>Certificate</b>		UN38.3, MSDS, IEC62619

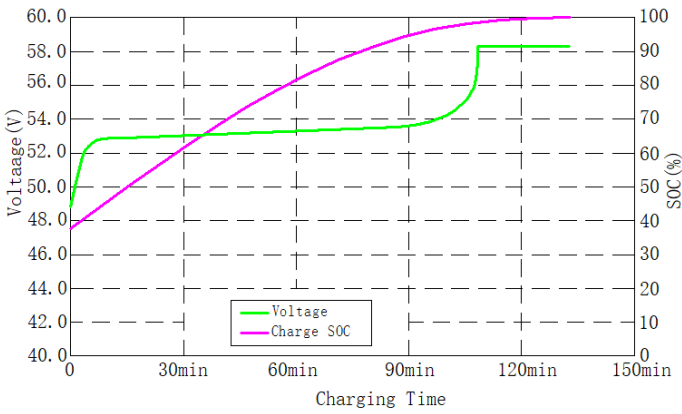
Different Rate Discharge Curve@25°C



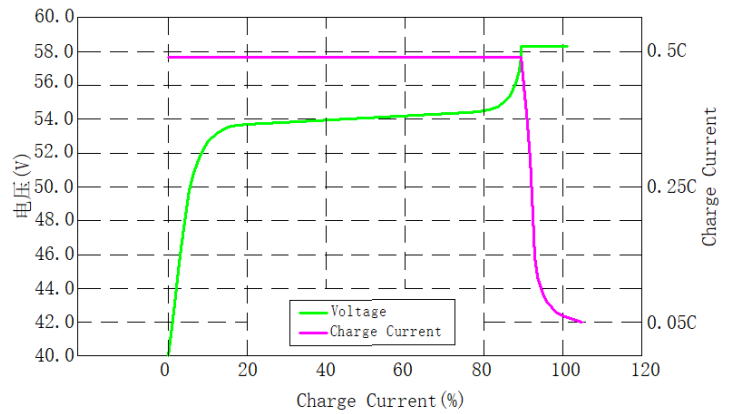
Different Temperature Discharge Curve@0.5C



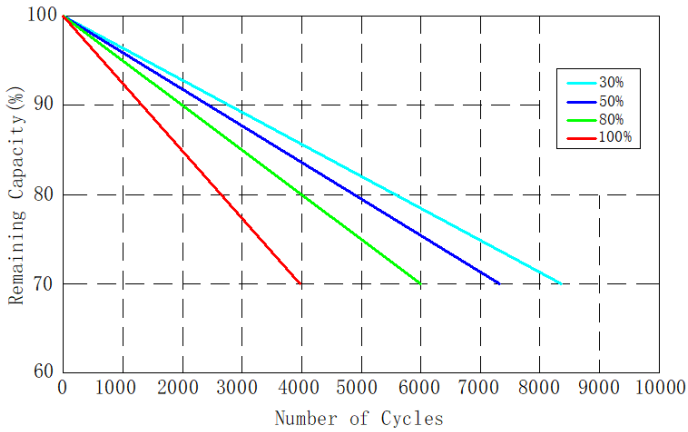
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

