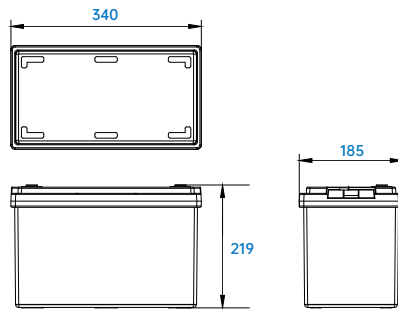
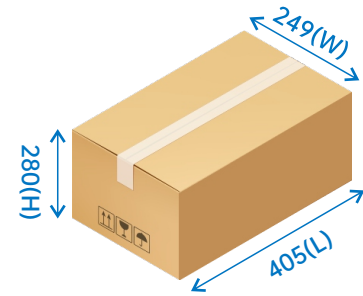


▶ Product Appearance

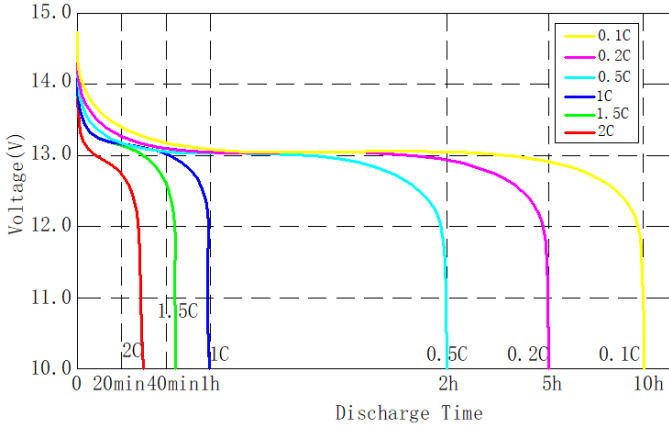
▶ Product Size

Net Weight: 12.2±0.5kg
▶ Packaging Size

Gross Weight: 14.3±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
- Easy installation and maintenance free
- Cell balance function
- ABS Case, corrosion and high temperature resistance
- Certificate: UN38.3, MSDS, IEC62619, CE-RED, ROHS
- Max 4 battery packs can be connected in series/parallel

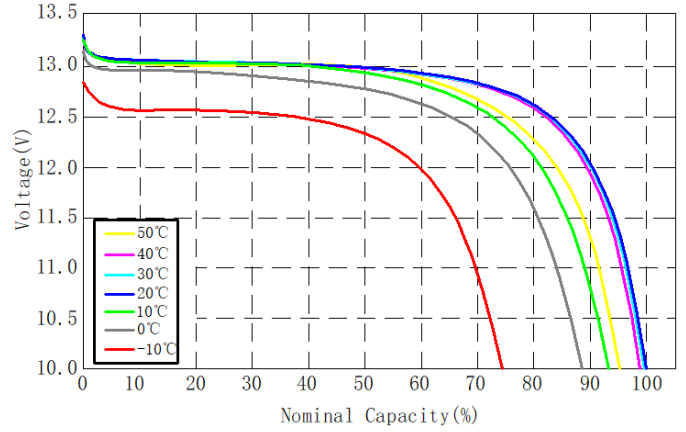
▶ Electrical Characteristics

Model	LFP1.28KWH12.8V-P65L2EV50
Electrical Parameter	
Battery type	LiFePO ₄
Nominal voltage	12.8V
Nominal capacity	100Ah
Energy	1280Wh
Pack mode	4S1P
Continuous discharge current	50A
Charge cut-off voltage	14.4V
Discharge cut-off voltage	10.4V
Max. charge current	100A
Max. discharge current	150A
Peak discharge current	180A
Recommend discharge current	50A
Recommend discharge depth	80%
Cycle life	> 5000 cycles (25°C, 0.5C) 80% DOD
Function	Bluetooth, heating
Environmental Parameter	
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	IP65
Mechanical Parameter	
Terminal	M8
Dimensions (LxWxH) (mm)	340x185x219
Weight (Kg)	12.2±0.5
Certificate	
UN38.3, MSDS, IEC62619, CE-RED, ROHS	

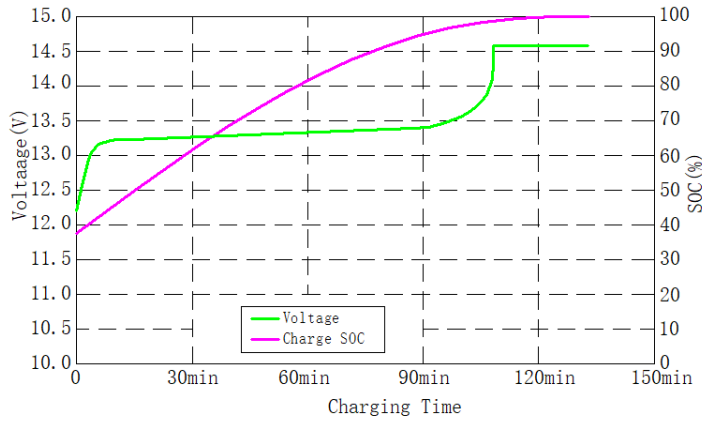
Different Rate Discharge Curve@25°C



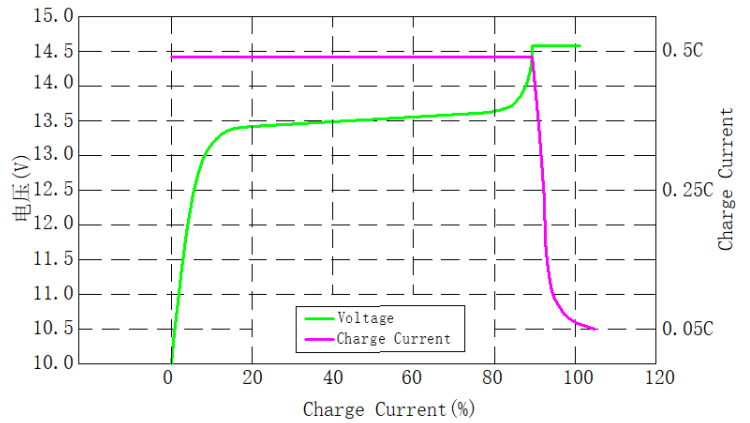
Different Temperature Discharge Curve@0.5C



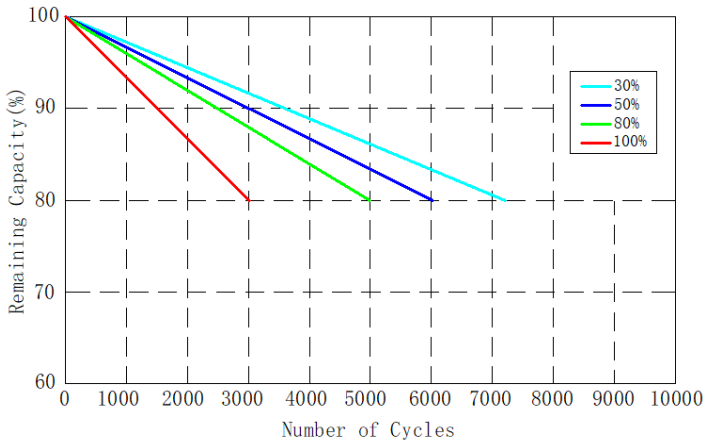
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

