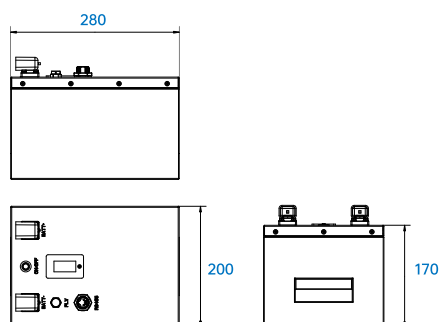


► Product Appearance

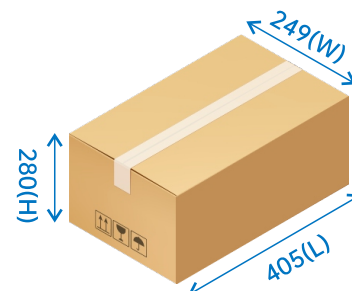


► Product Size



Net Weight: 13.3±0.5kg

► Packaging Size



Gross Weight: 14.5±0.5kg

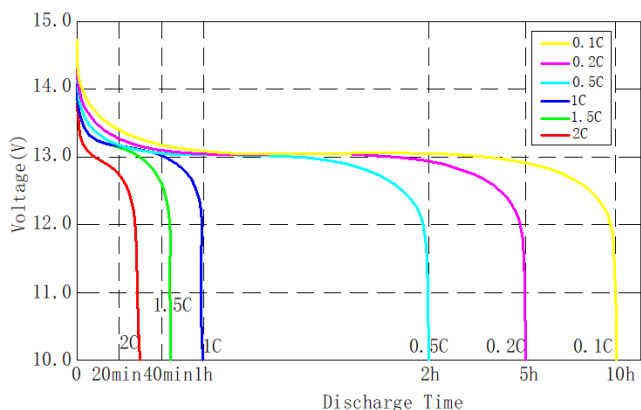
► Features

- A grade brand new prismatic LiFePO₄ cells
- > 6000 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 4 battery packs can be connected in series/parallel

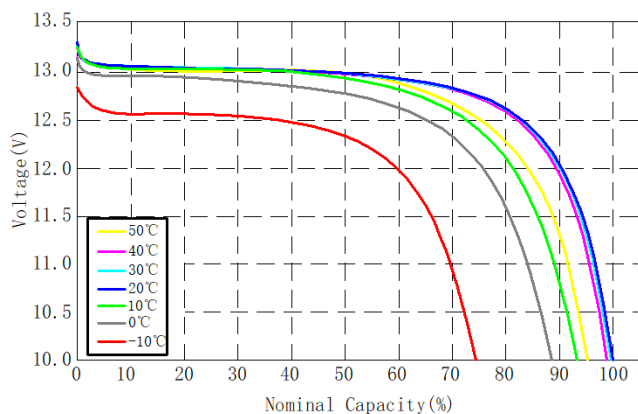
► Electrical Characteristics

Model	LFP1.28KWH12.8V-P65L4
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	100A
Peak discharge current	120A
Recommend discharge current	50A
Recommend discharge depth	80%
Cycle life	> 6000 cycles (25°C, 0.5C) 80%DOD
Environmental Parameter	
Charge & discharge temperature	Charge: 0°C~+55°C Discharge: -20°C~+60°C
Optimal storage temperature	5°C ~ +35°C
Recommend humidity	40%-80%
Ingress protection	IP65
Mechanical Parameter	
Terminal	M6
Dimensions (LxWxH) (mm)	280x200x170
Weight (Kg)	13.3±0.5
Certificate	UN38.3, MSDS, IEC62619

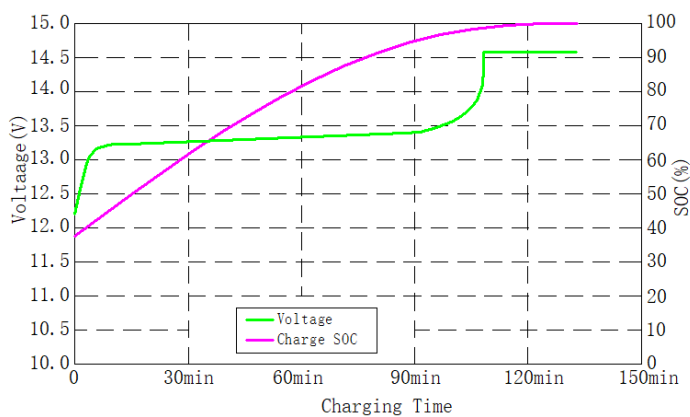
Different Rate Discharge Curve@25°C



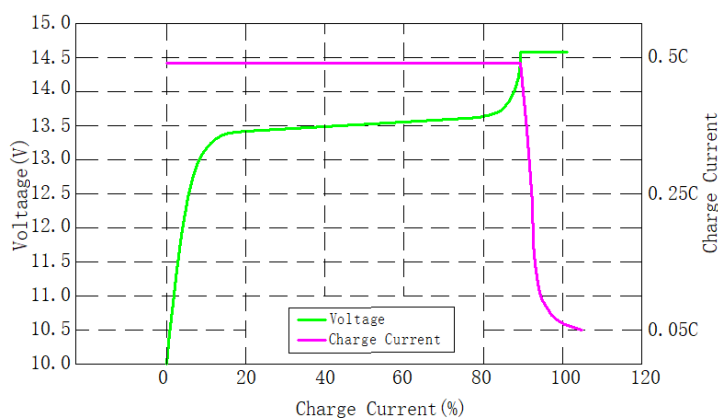
Different Temperature Discharge Curve@0.5C



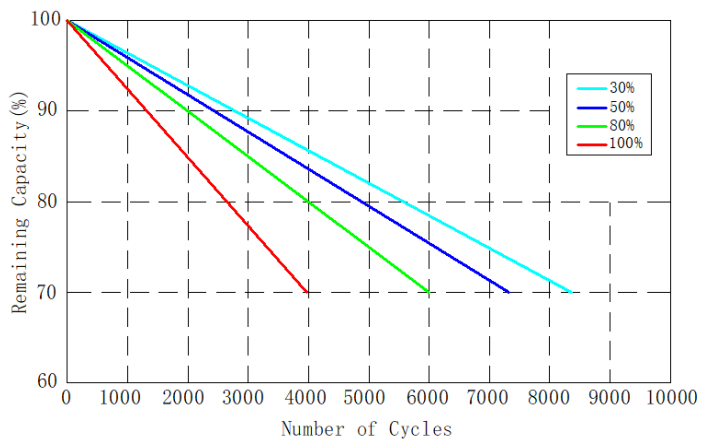
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

