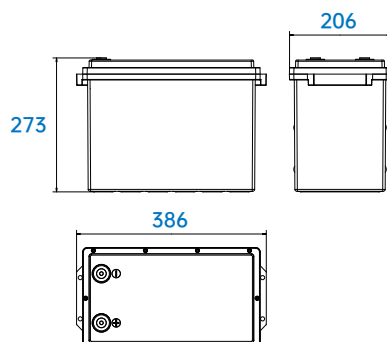


► Product Appearance

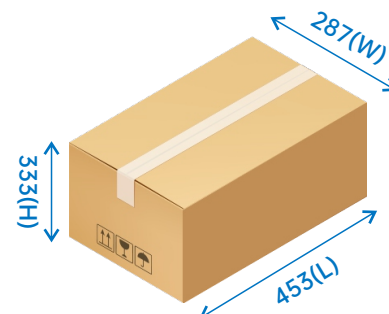


► Product Size



Net Weight: 14.2±0.5kg

► Packaging Size



Gross Weight: 16.3±0.5kg

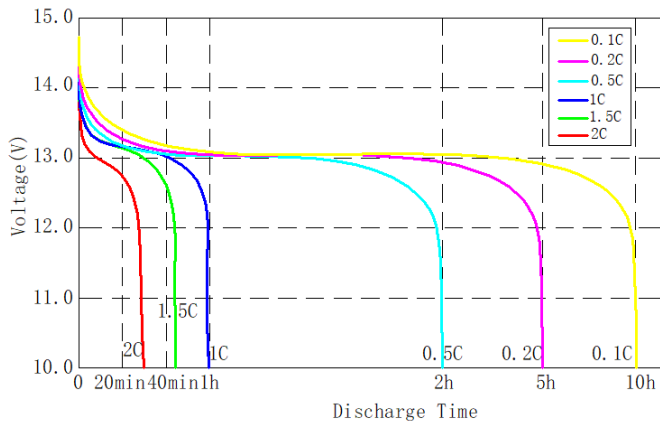
► Features

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

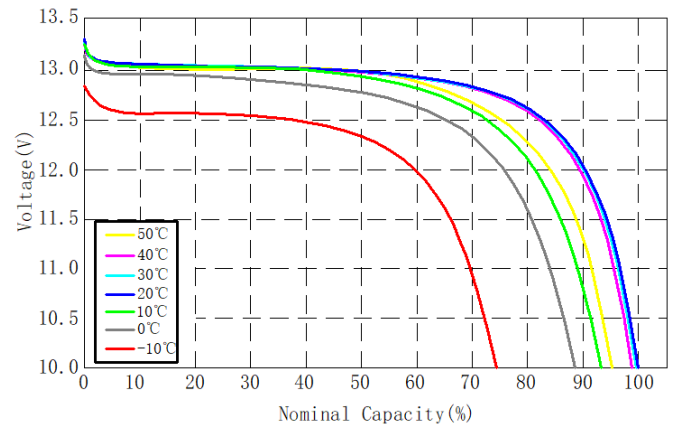
► Electrical Characteristics

Model	LFP1.53KWH12.8V-P65L3	
Electrical Parameter		
Battery type	LiFePO4	
Nominal voltage	12.8V	
Nominal capacity	120Ah	
Energy	1536Wh	
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	
Relative humidity	40%-80%	
Ingress protection	IP65	
Mechanical Parameter		
Terminal	M6	
Dimensions (LxWxH) (mm)	386x206x273	
Weight (Kg)	14.2±0.5	
Certificate	UN38.3, MSDS, IEC62619	

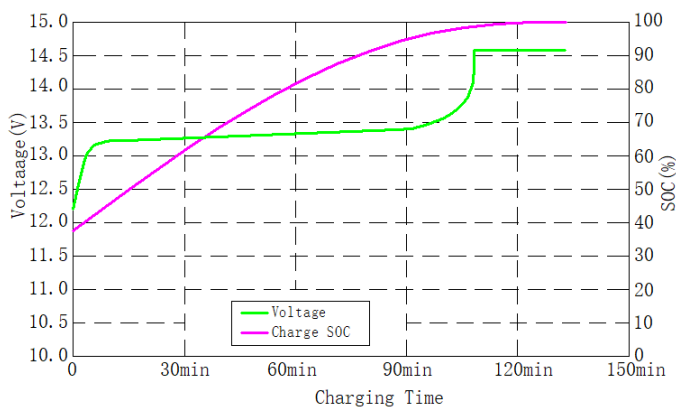
Different Rate Discharge Curve@25°C



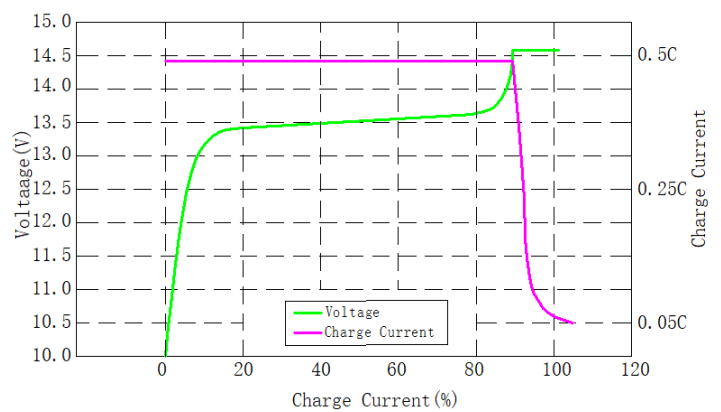
Different Temperature Discharge Curve@0.5C



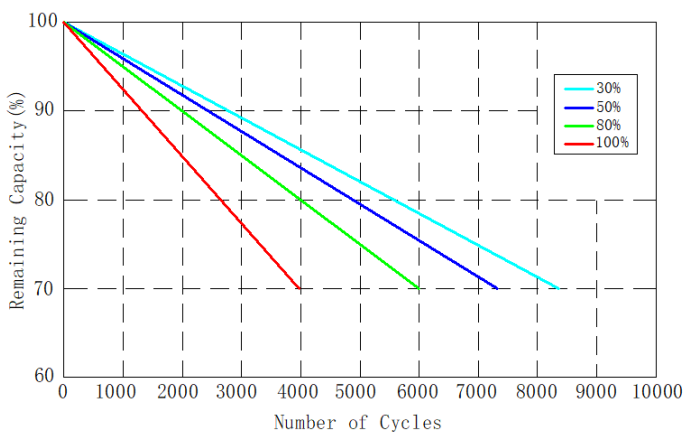
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

