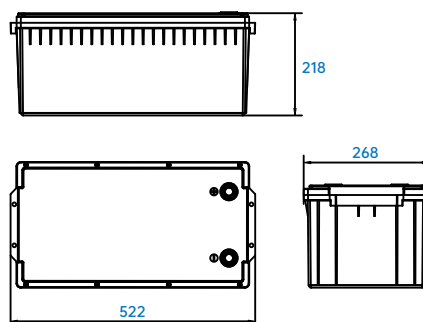


► Product Appearance

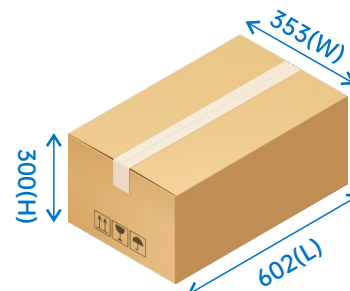


► Product Size



Net Weight: 14.5±0.5kg

► Packaging Size



Gross Weight: 19.5±0.5kg

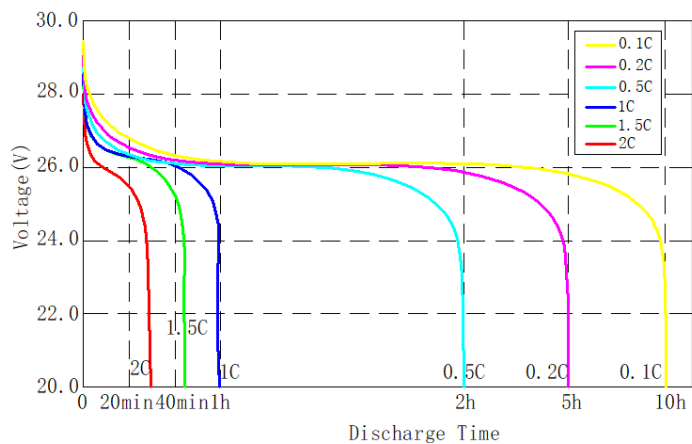
► Features

- A grade brand new prismatic LiFePO4 cells
- > 4000 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 2 battery packs in series/Max 4 battery packs in parallel

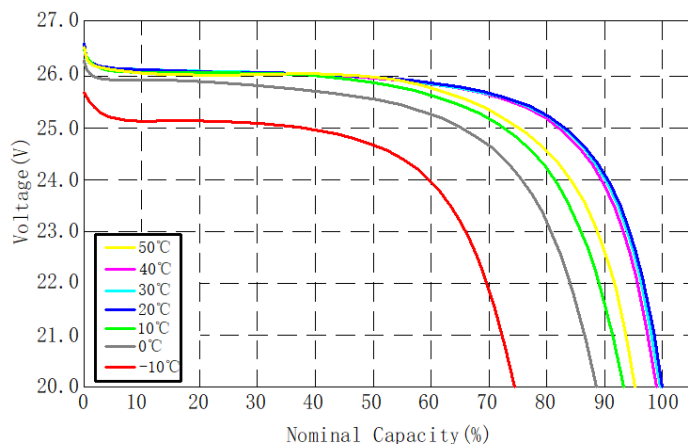
► Electrical Characteristics

Model	LFP1.28KWH25.6V-P65L3	
Electrical Parameter		
Battery type	LiFePO4	
Nominal voltage	25.6V	
Nominal capacity	50Ah	
Energy	1280Wh	
Pack mode	8S1P	
Continuous discharge current	25A	
Charge cut-off voltage	28.8V	
Discharge cut-off voltage	20.8V	
Max. charge current	50A	
Max. discharge current	75A	
Peak discharge current	90A	
Recommend discharge current	25A	
Recommend discharge depth	80%	
Cycle life	> 4000 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)	522x268x218	
Weight (Kg)	14.5±0.5	
Certificate	UN38.3, MSDS, IEC62619, CE-RED, ROHS	

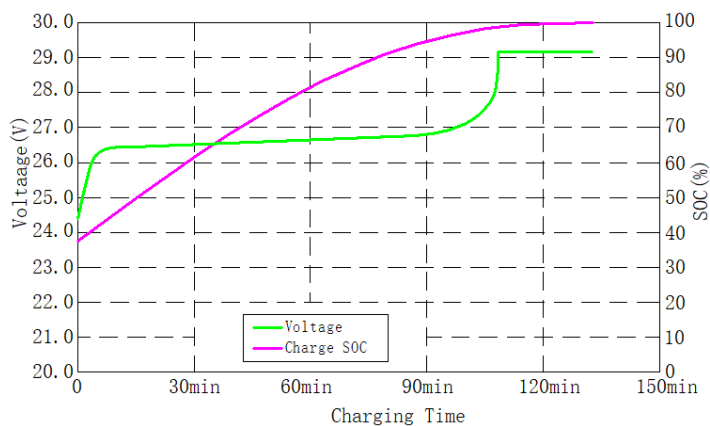
Different Rate Discharge Curve@25°C



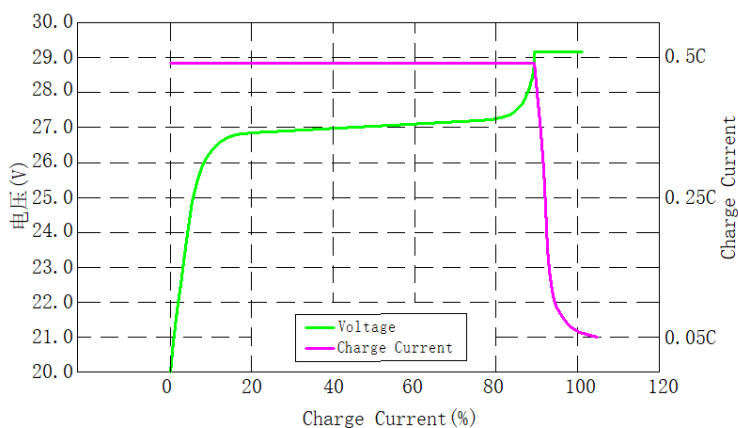
Different Temperature Discharge Curve@0.5C



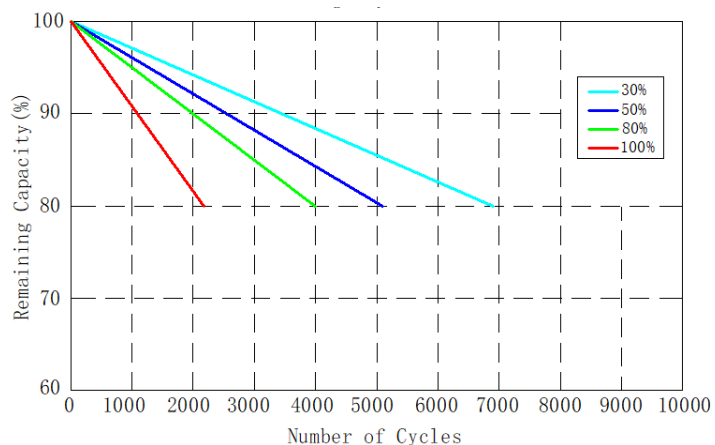
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

