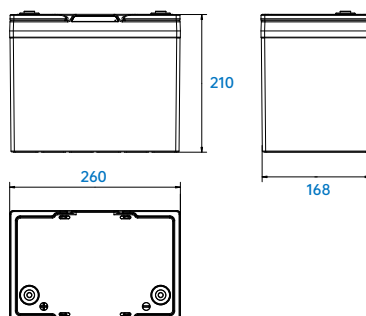


► Product Appearance

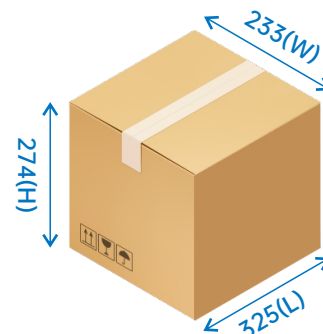


► Product Size



Net Weight: 7.6±0.5kg

► Packaging Size



Gross Weight: 9.3±0.5kg

► Features

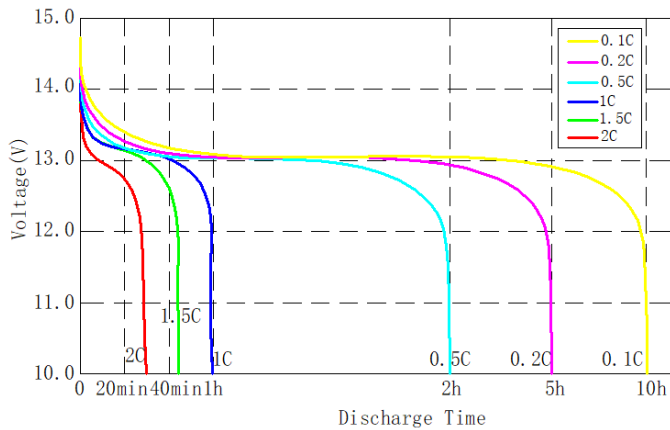
- A grade brand new prismatic LiFePO₄ cells
- > 5000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Easy installation and maintenance free
- Cell balance function
- ABS Case, corrosion and high temperature resistance
- Certificate: UN38.3, MSDS, IEC62619, CE-RED, ROHS
- Max 4 battery packs can be connected in series/parallel

► Electrical Characteristics

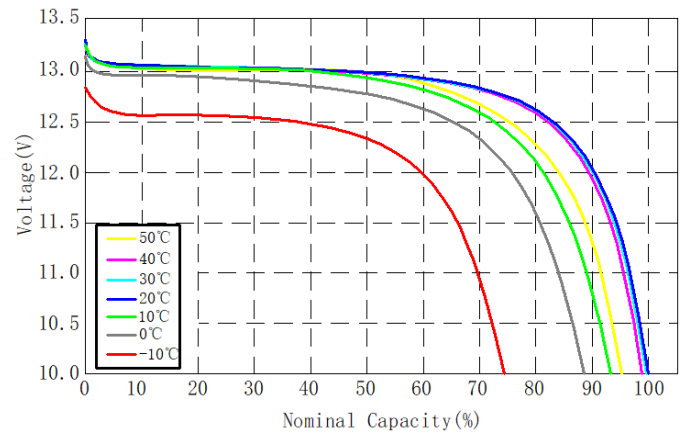
Model	LFP0.64KWH12.8V-P65L2
Electrical Parameter	
Battery type	LiFePO ₄
Nominal voltage	12.8V
Nominal capacity	50Ah
Energy	640Wh
Pack mode	4S1P
Continuous discharge current	25A
Charge cut-off voltage	14.4V
Discharge cut-off voltage	10.4V
Max. charge current	50A
Max. discharge current	75A
Peak discharge current	100A
Recommend discharge current	25A
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)	260x168x210
Weight (Kg)	7.6±0.5
Certificate	UN38.3, MSDS, IEC62619, CE-RED, ROHS

► Performance Characteristics

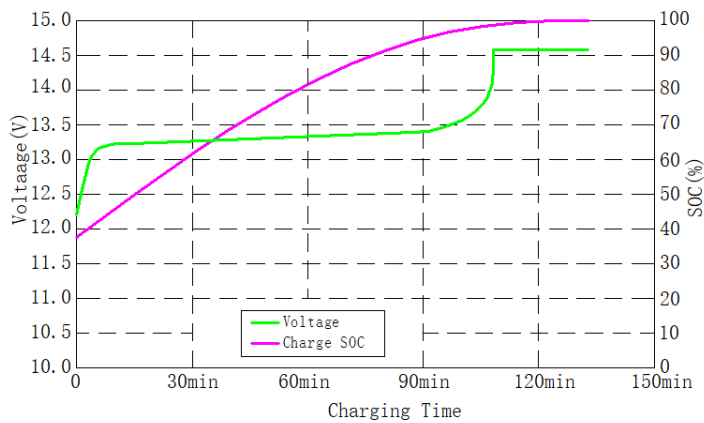
Different Rate Discharge Curve@25°C



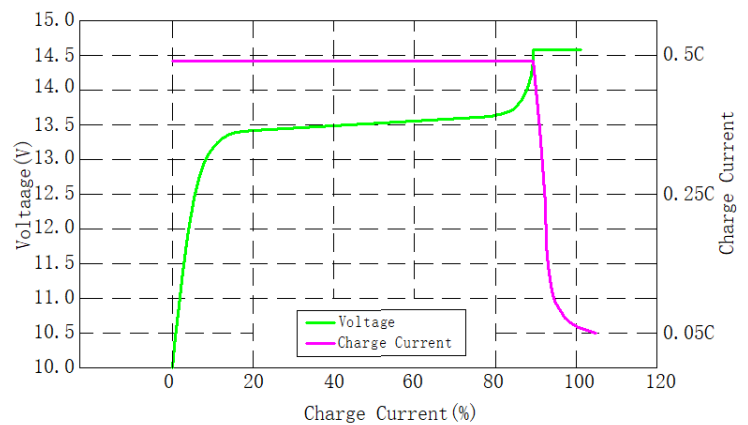
Different Temperature Discharge Curve@0.5C



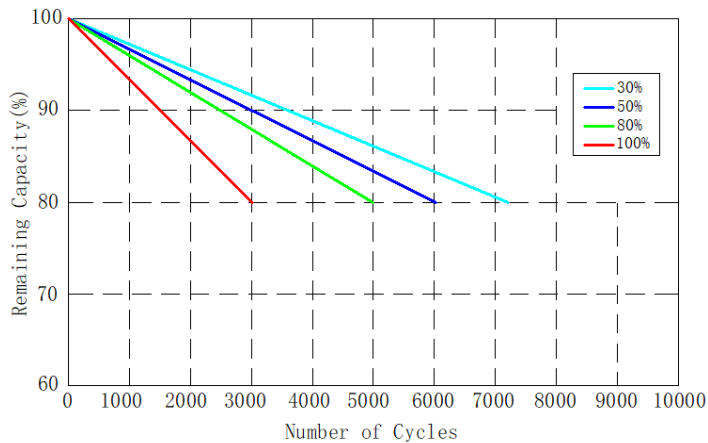
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

