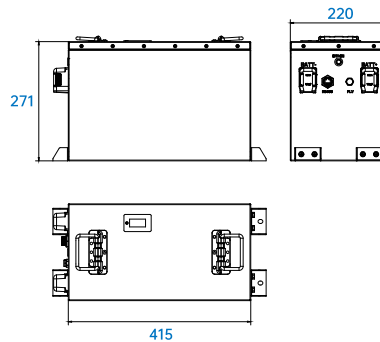


### ▶ Product Appearance

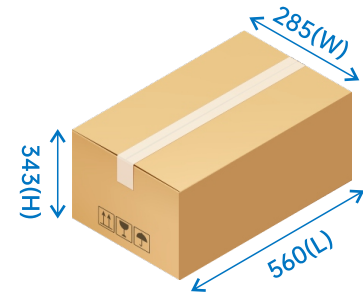


### ▶ Product Size



Net Weight: 33.5±0.1kg

### ▶ Packaging Size



Gross Weight: 35.2±1kg

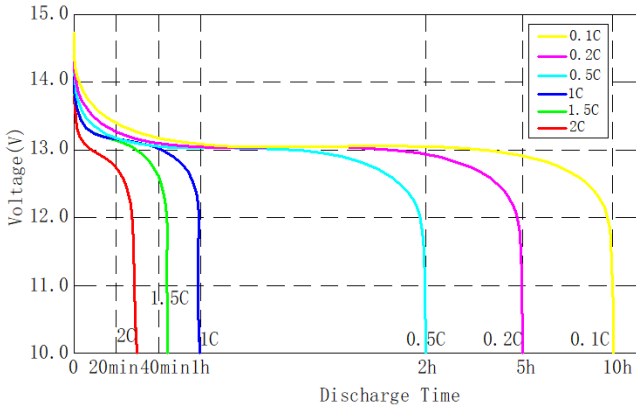
### ▶ Features

- A grade brand new prismatic LiFePO<sub>4</sub> cells
- > 8000 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
- Max 4 battery packs can be connected in series/parallel

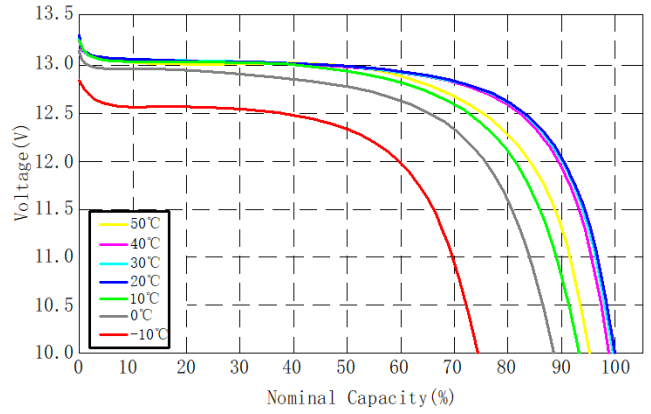
### ▶ Electrical Characteristics

Model	LFP4KWH12.8V-P65L1DS
<b>Electrical Parameter</b>	
Battery type	LiFePO <sub>4</sub>
Nominal voltage	12.8V
Nominal capacity	314Ah
Energy	4019Wh
Pack mode	4S1P
Continuous discharge current	100A
Charge cut-off voltage	14.4V
Discharge cut-off voltage	10.4V
Max. charge current	100A
Max. discharge current	200A
Peak discharge current	240A
Recommend discharge current	100A
Recommend discharge depth	80%
Cycle life	> 8000 cycles (25°C, 0.5C) 80%DOD
<b>Environmental Parameter</b>	
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
<b>Mechanical Parameter</b>	
Terminal	M8
Dimensions (LxWxH) (mm)	415x220x271
Weight (Kg)	33.5±0.5
<b>Certificate</b>	UN38.3, MSDS, IEC62619, CE-RED, ROHS

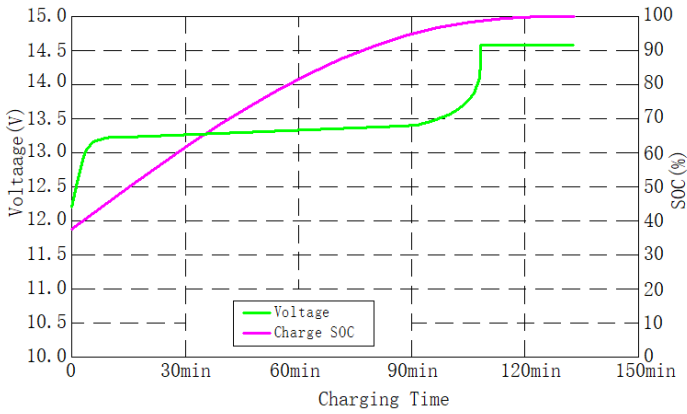
Different Rate Discharge Curve@25°C



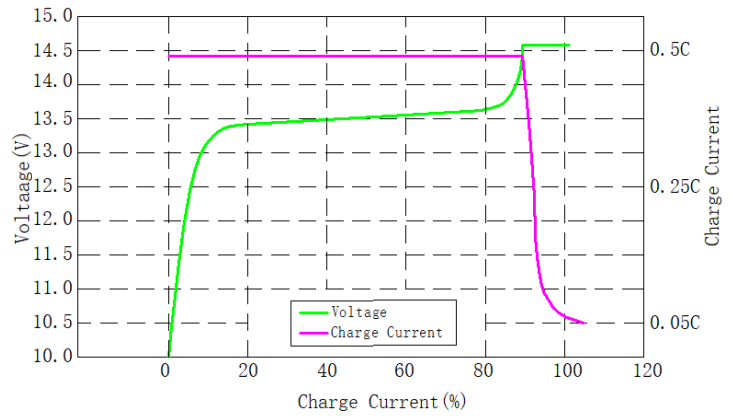
Different Temperature Discharge Curve@0.5C



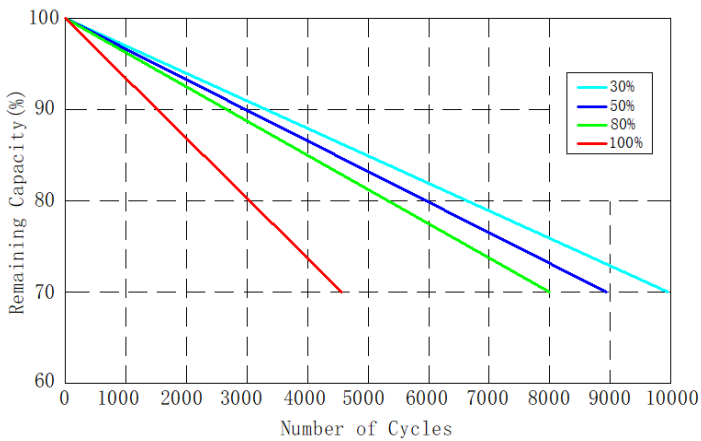
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

