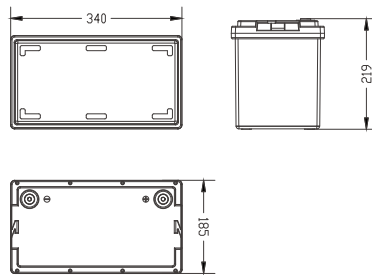


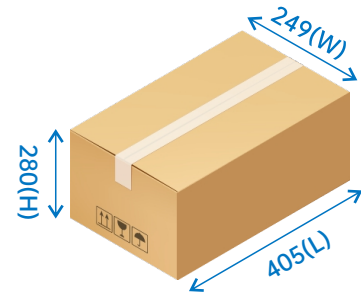
▶ Product Appearance



▶ Product Size



▶ Packaging Size



Net Weight: 12.2±0.5kg

Gross Weight: 14.3±0.5kg

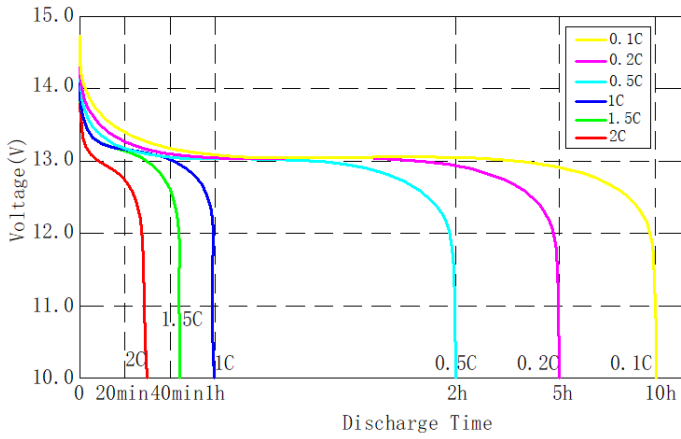
▶ Features

- A grade brand new prismatic LiFePO₄ cells
- Cell balance function
- ≥5000 cycles @80% DOD(25°C, 0.5C)
- IP65 superior safety
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Certificate: UN38.3, MSDS, IEC62619、CE-RED、ROHS、E-mark
- Easy installation and maintenance free
- Supports series and parallel connection
- Charging Heating Technique
- Supports Bluetooth communication

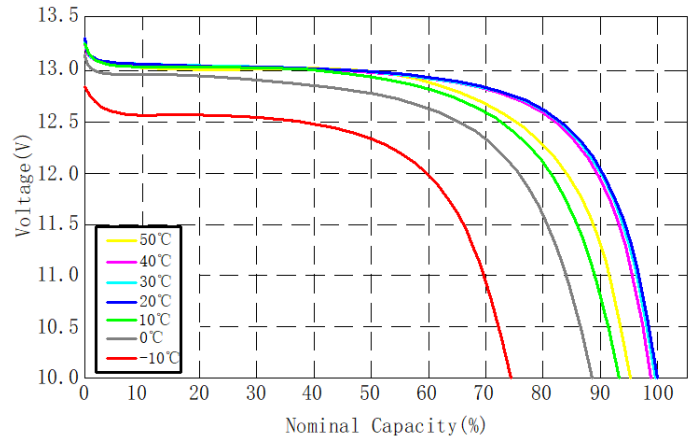
▶ Technical Specifications

| Model | LFP1.28KWH12.8V-P65L2EV50 |
|----------------------------------|--|
| Battery Type | LiFePO ₄ |
| Nominal Voltage (V) | 12.8 |
| Nominal Capacity (AH) | 100 |
| Energy (WH) | 1280 |
| Pack Mode | 4S1P |
| Continuous Discharge Current (A) | 100 |
| Charge Cut-off Voltage (V) | 14.4 |
| Discharge Cut-off Voltage (V) | 10.4 |
| Max.Charge Current (A) | 100 |
| Max.Discharge Current (A) | 150 |
| Peak Discharge Current (A) | 180A@10S 250A@2S |
| Recommend Discharge Current (A) | 50 |
| Recommend Discharge Depth (%) | 80 |
| Cycle Life | ≥5000 cycles (25°C, 0.5C) 80% DOD |
| Communication | Bluetooth |
| Charge&Discharge Temperature(°C) | Charge: 0°C~+50°C / Discharge: -20°C~+60°C |
| Optimal Storage Temperature(°C) | 5°C ~ +35°C |
| Recommend Storage Humidity | 60%±20% RH |
| Terminal | M8 |
| Dimensions (L*W*H) (mm) | 340*185*219 |
| Weight (Kg) | 12.2±0.5 |
| Certificate | UN38.3, MSDS, IEC62619、CE-RED、ROHS、E-mark |
| IP Class | IP65 |

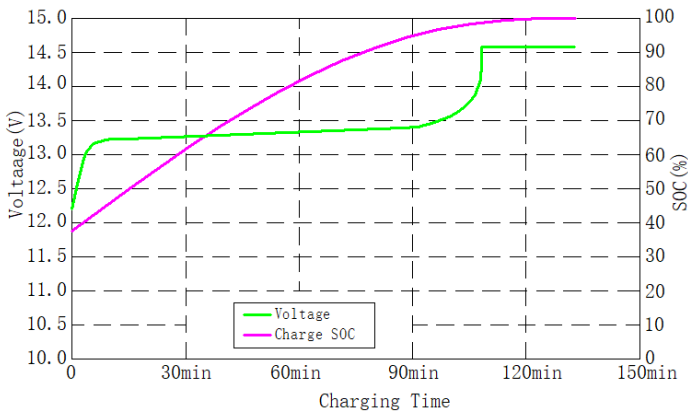
Different Rate Discharge Curve@25°C



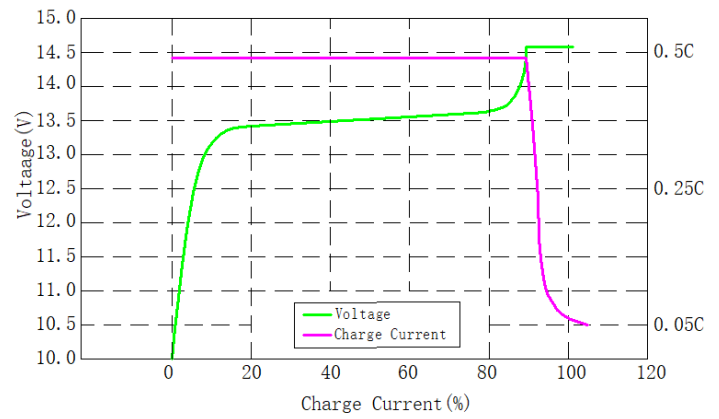
Different Temperature Discharge Curve@0.5C



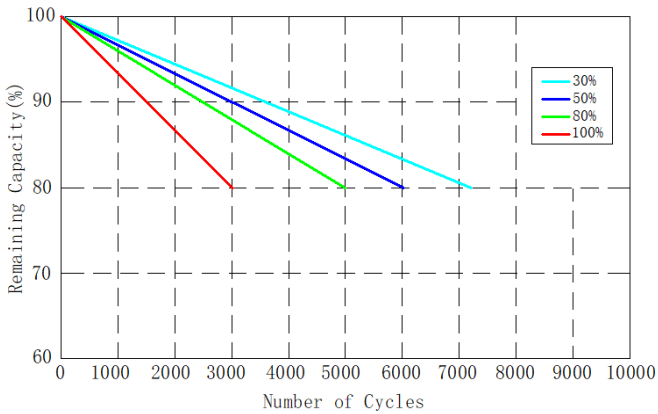
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

