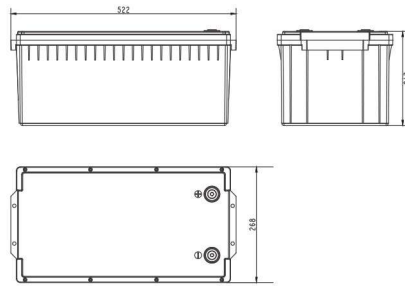


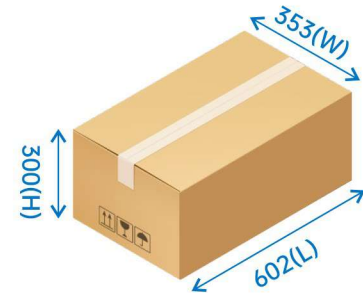
### ▶ Product Appearance



### ▶ Product Size



### ▶ Packaging Size



Net Weight: 23.1±0.5kg

Gross Weight: 25.6±0.5kg

### ▶ Features

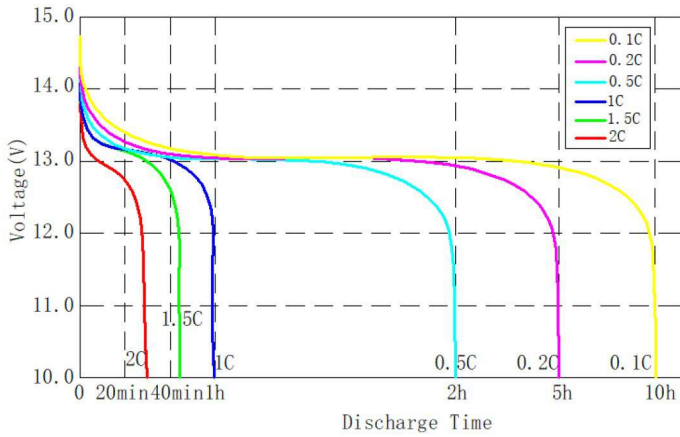
- A grade brand new prismatic LiFePO<sub>4</sub> cells
- Cell balance function
- ≥4000 cycles @80% DOD(25°C, 0.5C )
- IP65 superior safety
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Certificate: UN38.3, MSDS, IEC62619、CE-RED、ROHS、E-mark
- Easy installation and maintenance free
- Supports series and parallel connection
- Charging Heating Technique
- Supports Bluetooth communication

### ▶ Technical Specifications

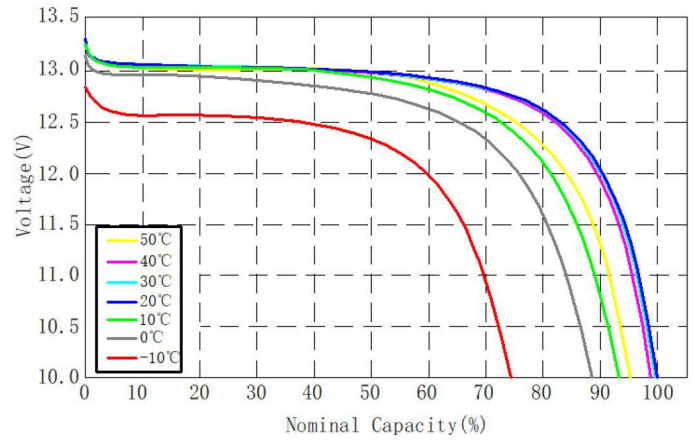
| Model                            | LFP2.56KWH12.8V-P65L2GF40                  |
|----------------------------------|--|
| Battery Type                     | LiFePO <sub>4</sub>                        |
| Nominal Voltage (V)              | 12.8                                       |
| Nominal Capacity (AH)            | 205  |
| Energy (WH)                      | 2624                                       |
| Pack Mode                        | 4S1P                                       |
| Continuous Discharge Current (A) | 150  |
| Charge Cut-off Voltage (V)       | 14.4                                       |
| Discharge Cut-off Voltage (V)    | 10.4                                       |
| Max.Charge Current (A)           | 150  |
| Max.Discharge Current (A)        | 200  |
| Peak Discharge Current (A)       | 240A@10S 300A@2S                           |
| Recommend Discharge Current (A)  | 100  |
| Recommend Discharge Depth (%)    | 80   |
| Cycle Life                       | ≥4000 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       | 20%~80%                                    |
| Terminal                         | M8   |
| Dimensions (L*W*H) (mm)          | 522*268*118                                |
| Weight (Kg)                      | 23.1±0.5                                   |
| Certificate                      | UN38.3, MSDS, IEC62619、CE-RED、ROHS、E-mark  |
| IP Class                         | IP65                                       |



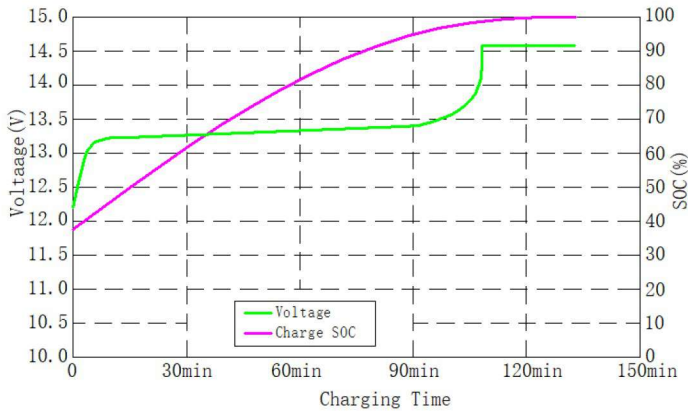
Different Rate Discharge Curve@25°C



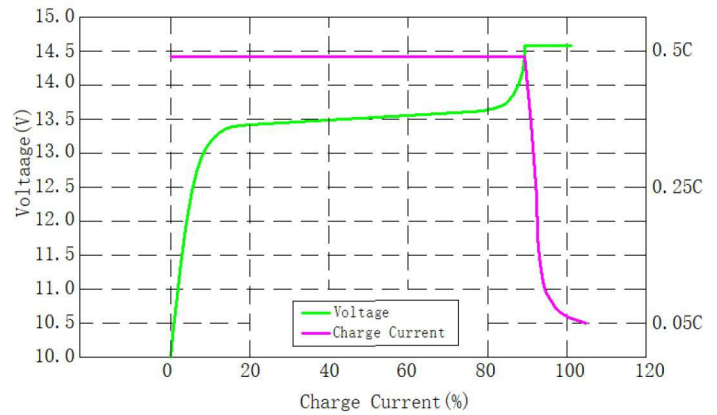
Different Temperature Discharge Curve@0.5C



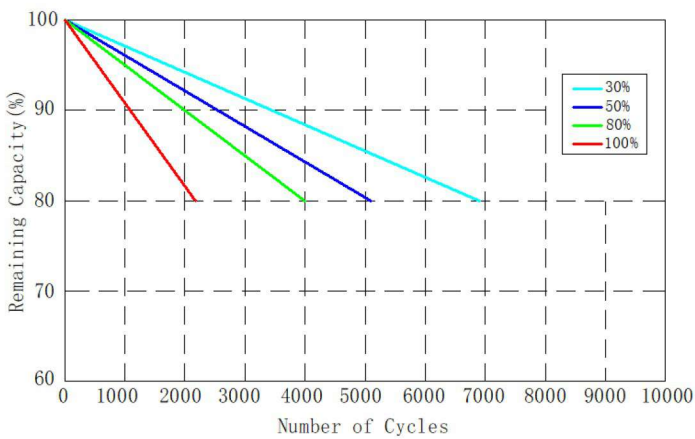
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

