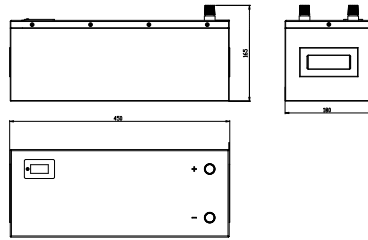


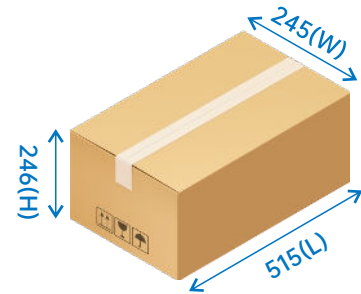
▶ Product Appearance



▶ Product Size



▶ Packaging Size



Net Weight: 21.3±0.5kg

Gross Weight: 23.2±0.5kg

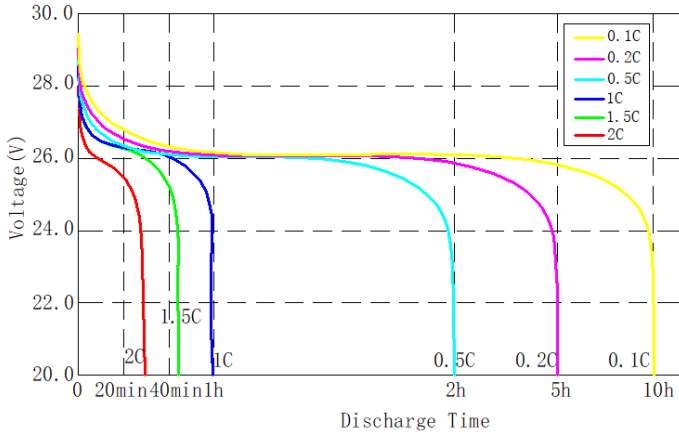
▶ Features

- 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
- 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、 IEC62133、 IEC62619、 EN IEC61000-6-1/2/3/4
- Max.2 battery packs can be connected in series

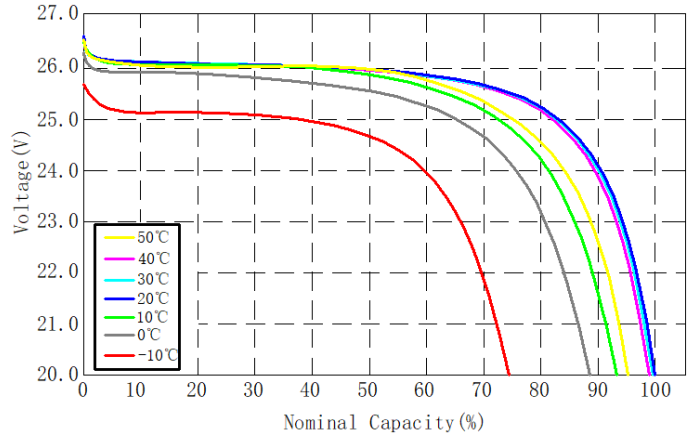
▶ Technical Specifications

| Model | LFP2.56KWH25.6V-P20L1 |
|-----------------------------------|---|
| Battery Type | LiFePO ₄ |
| Nominal Voltage (V) | 25.6 |
| Nominal Capacity (AH) | 100 |
| Energy (WH) | 2560 |
| Pack Mode | 8S1P |
| Continuous Discharge Current (A) | 50 |
| Charge Cut-off Voltage (V) | 28.8 |
| Discharge Cut-off Voltage (V) | 20.8 |
| Max.Charge Current (A) | 50 |
| Max.Discharge Current (A) | 100 |
| Peak Discharge Current (A) | 120@10S |
| Recommend Discharge Current (A) | 50 |
| Recommend Discharge Depth (%) | 80 |
| Cycle Life | ≥4000 cycles (25°C, 0.5C) 80% DOD |
| Communication | ---- |
| Display | LCD |
| Charge&Discharge Temperature (°C) | Charge: 0°C~+55°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) | 450*180*165 |
| Weight (Kg) | 21.3±0.5 |
| Certificate | UN38.3 、MSDS、 IEC62133、 IEC62619、 EN IEC61000-6-1/2/3/4 |
| IP Class | IP20 |

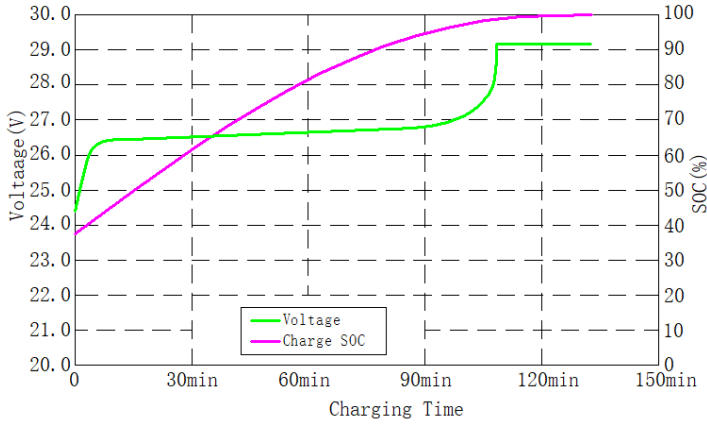
Different Rate Discharge Curve@25°C



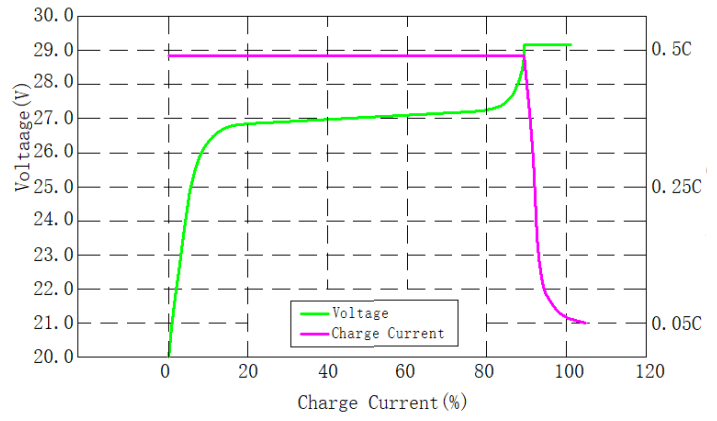
Different Temperature Discharge Curve@0.5C



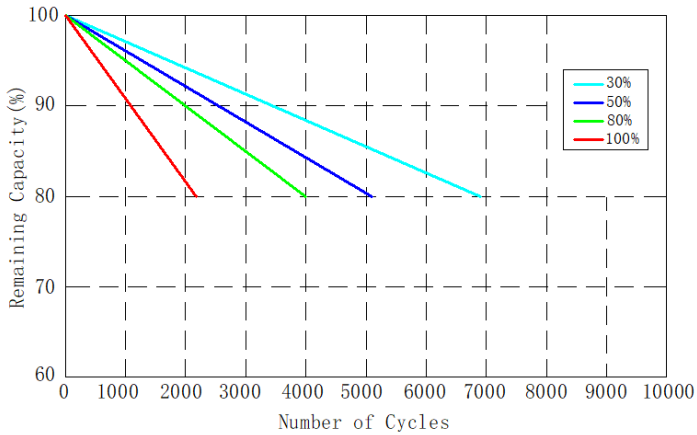
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

