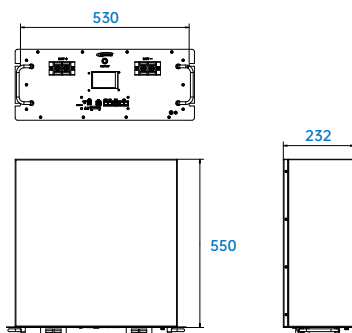


▶ Product Appearance

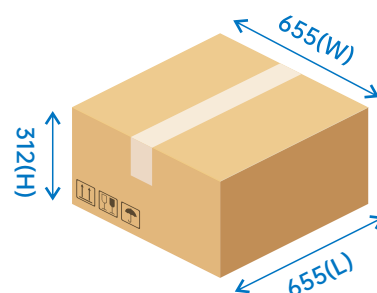


▶ Product Size



Net Weight: 91.6±0.5kg

▶ Packaging Size



Gross Weight: 94.8±0.5kg

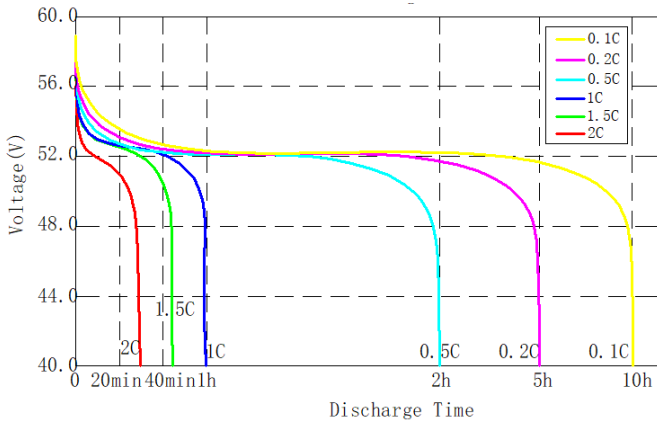
▶ Features

- A grade brand new prismatic LiFePO₄ cells
- > 6000 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, IEC62619
- Max 8 battery packs can be connected in parallel

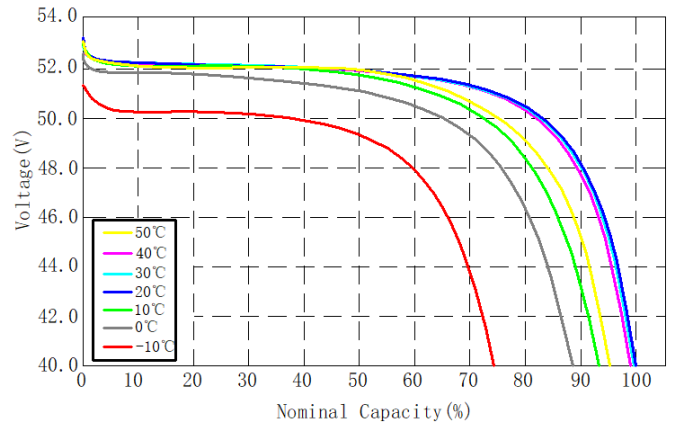
▶ Electrical Characteristics

| Model | | LFP10.5KWH51.2V-P20R2GF30 |
|-----------------------------------|--|--|
| Electrical Parameter | | |
| Battery Type | | LiFePO ₄ |
| Nominal Voltage (V) | | 51.2 |
| Nominal Capacity (Ah) | | 205 |
| Energy (Wh) | | 10496 |
| Pack Mode | | 16S1P |
| Continuous Discharge Current (A) | | 100 |
| Charge Cut-off Voltage (V) | | 57.6 |
| Discharge Cut-off Voltage (V) | | 41.6 |
| Max.Charge Current (A) | | 100 |
| Max.Discharge Current (A) | | 200 |
| Recommend Discharge Current (A) | | 100 |
| Recommend Discharge Depth (%) | | 80 |
| Cycle Life | | > 6000 cycles (25°C, 0.5C) 80% DOD |
| Function | | --- |
| Communication | | RS485 RS232 CAN |
| Display | | LCD |
| Mounting | | Rack-mounted |
| Environmental Parameter | | |
| Charge&Discharge Temperature (°C) | | Charge: 0°C~+55°C / Discharge: -20°C~+60°C |
| Optimal Storage Temperature (°C) | | 5°C ~ +35°C |
| Relative Humidity | | 40%~80% |
| Ingress Protection | | IP20 |
| Mechanical Parameter | | |
| Terminal | | M8 |
| Dimensions (L*W*H) (mm) | | 550*530*232 |
| Weight (Kg) | | 91.6±0.5 |
| Certificate | | UN38.3 MSDS IEC62619 |

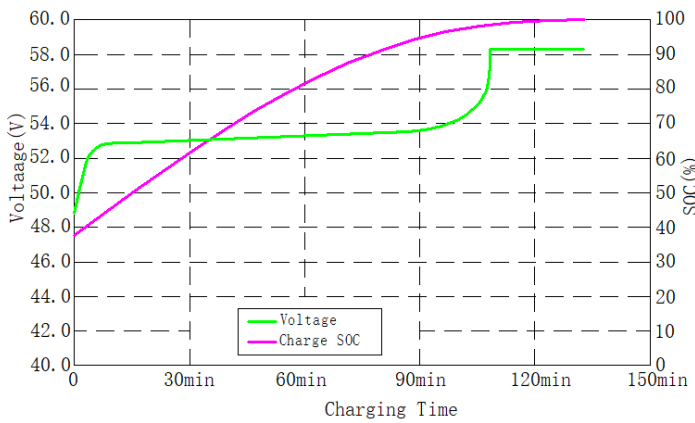
Different Rate Discharge Curve@25°C



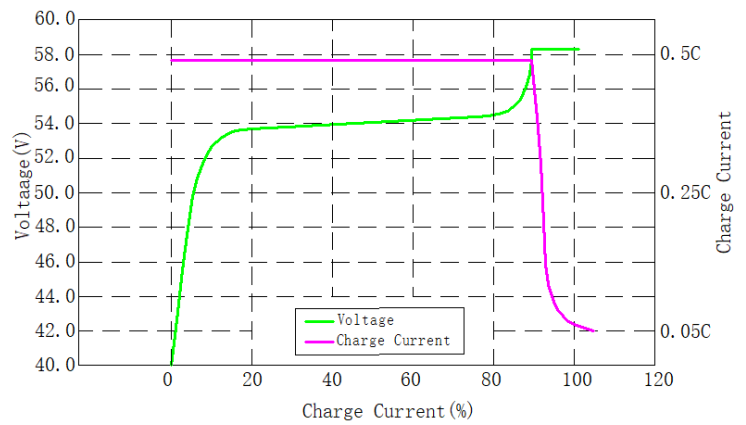
Different Temperature Discharge Curve@0.5C



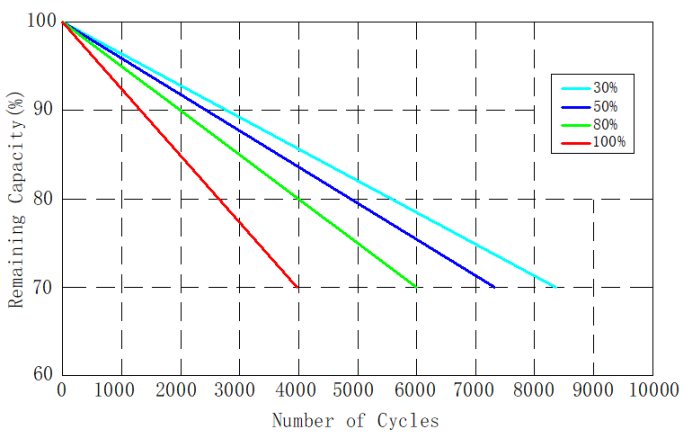
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

