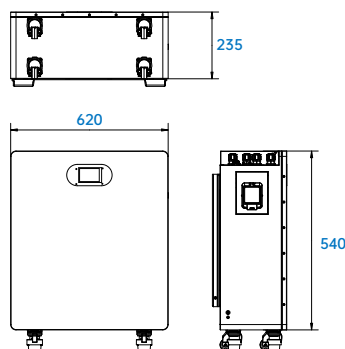


## ► Product Appearance

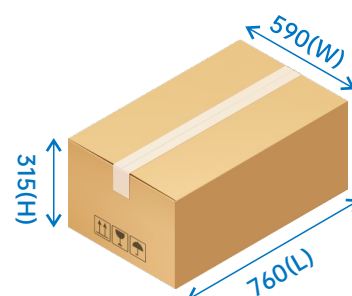


## ► Product Size



Net Weight: 95.1±0.5kg

## ► Packaging Size



Gross Weight: 100.1±0.5kg

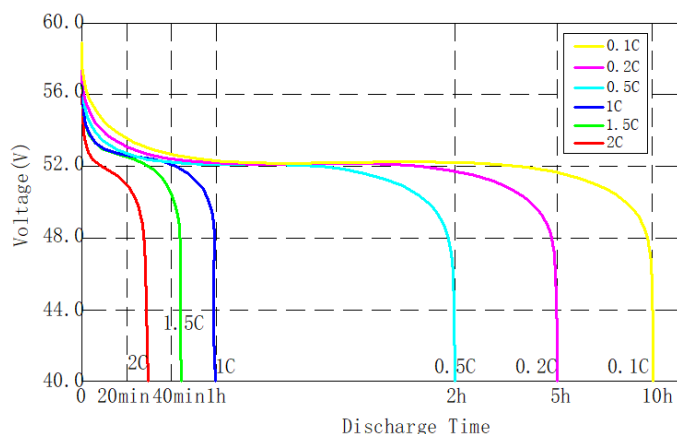
## ► Features

- A grade brand new prismatic LiFePO<sub>4</sub> cells
- > 5000 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

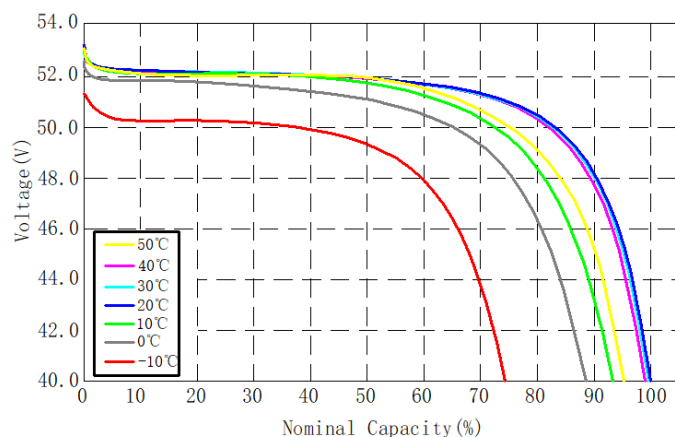
## ► Electrical Characteristics

| Model                          | LFP10.5KWH51.2V-P65F1                    |
|--------------------------------|------------------------------------------|
| <b>Electrical Parameter</b>    |                                          |
| Battery type                   | LiFePO <sub>4</sub>                      |
| Nominal voltage                | 51.2V                                    |
| Nominal capacity               | 206Ah                                    |
| Energy                         | 10547Wh                                  |
| Continuous discharge current   | 100A                                     |
| Charge cut-off voltage         | 57.6V                                    |
| Discharge cut-off voltage      | 41.6V                                    |
| Max. charge current            | 100A                                     |
| Max. discharge current         | 200A                                     |
| Peak discharge current         | 240A                                     |
| Recommend discharge current    | 100A                                     |
| Cycle life                     | > 5000 cycles (25°C, 0.5C) 80%DOD        |
| Communication                  | RS485 CAN RS232                          |
| Display                        | LCD                                      |
| Open-circuit voltage           | 50.88~53.6V                              |
| Number of series/parallel      | Max 8 battery packs in parallel          |
| <b>Environmental Parameter</b> |                                          |
| Charge & discharge temperature | Charge: 0°C~+55°C Discharge: -20°C~+60°C |
| Storage temperature range      | 5°C ~ +35°C                              |
| Relative humidity              | 40%-80%                                  |
| Ingress protection             | IP65                                     |
| <b>Mechanical Parameter</b>    |                                          |
| Terminal                       | Quick-plug                               |
| Dimension (L x W x H) (mm)     | 620x540x235                              |
| Weight (kg)                    | 95.1±0.5                                 |
| <b>Certification</b>           | UN38.3, MSDS, IEC62619                   |

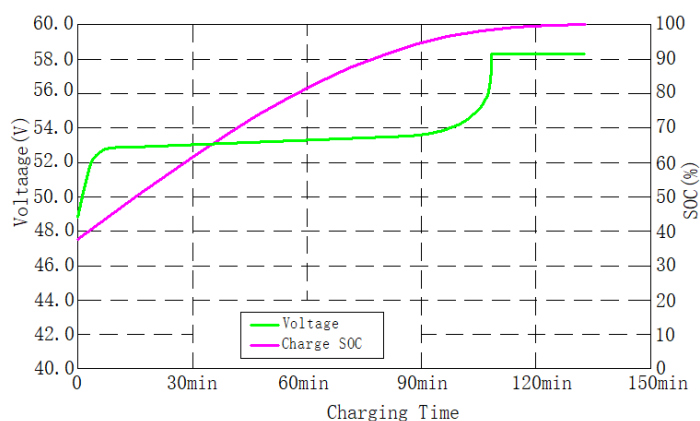
## Different Rate Discharge Curve@25°C



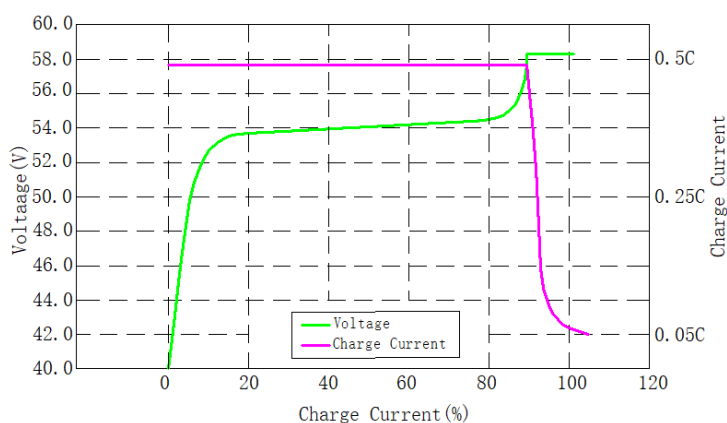
## Different Temperature Discharge Curve@0.5C



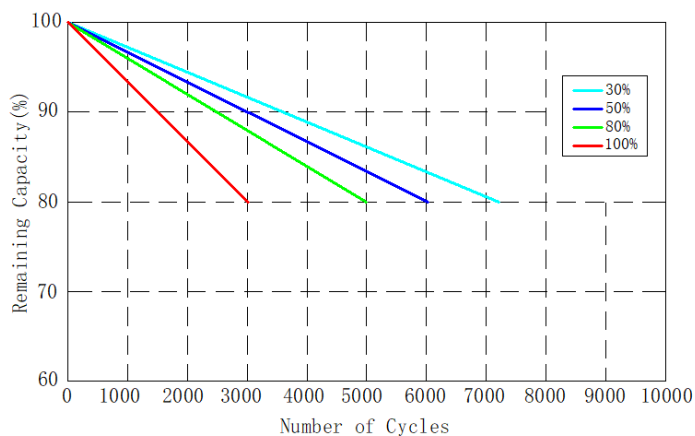
## State of Charge Curve@0.5C 25°C



## Charging Characteristics @0.5C 25°C



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



## Different Temperature Self Discharge Curve

