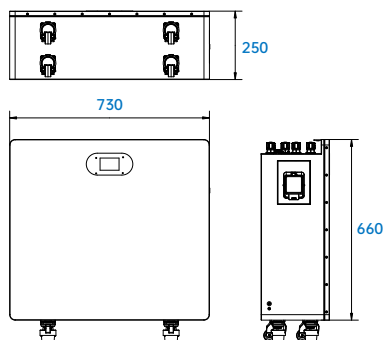


### ► Product Appearance

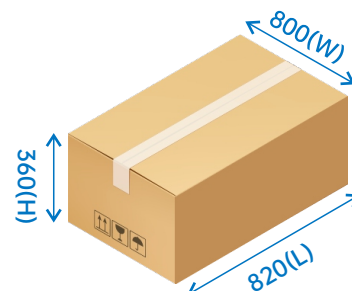


### ► Product Size



Net Weight: 110.1±0.5kg

### ► Packaging Size



Gross Weight: 143.5±0.5kg

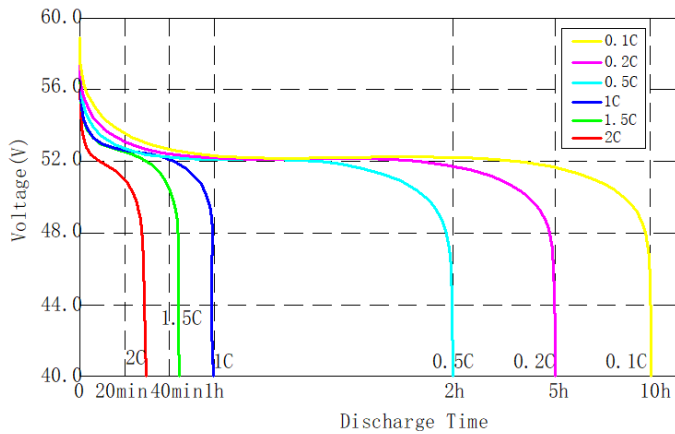
### ► Features

- A grade brand new prismatic LiFePO<sub>4</sub> cells
- > 8000 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
- Floor-mounted style
- Certificate: UN38.3 MSDS
- Max 8 battery packs can be connected in parallel

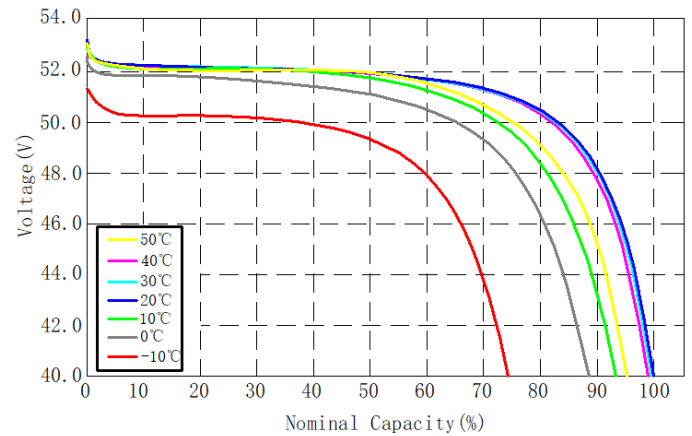
### ► Electrical Characteristics

| Model                          | LFP14.33KWH51.2V-P65F1                        |  |
|--------------------------------|-----------------------------------------------|--|
| Electrical Parameter           |                                               |  |
| Battery type                   | LiFePO4                                       |  |
| Nominal voltage                | 51.2V                                         |  |
| Nominal capacity               | 280Ah                                         |  |
| Energy                         | 14336Wh                                       |  |
| 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                     | > 8000 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               |  |
| Environmental Parameter        |                                               |  |
| 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                                          |  |
| Mechanical Parameter           |                                               |  |
| Terminal                       | Quick-plug                                    |  |
| Dimension (L x W x H) (mm)     | 730x660x250                                   |  |
| Weight (kg)                    | 110.1±0.5                                     |  |
| Certification                  | UN38.3, MSDS, IEC62619                        |  |

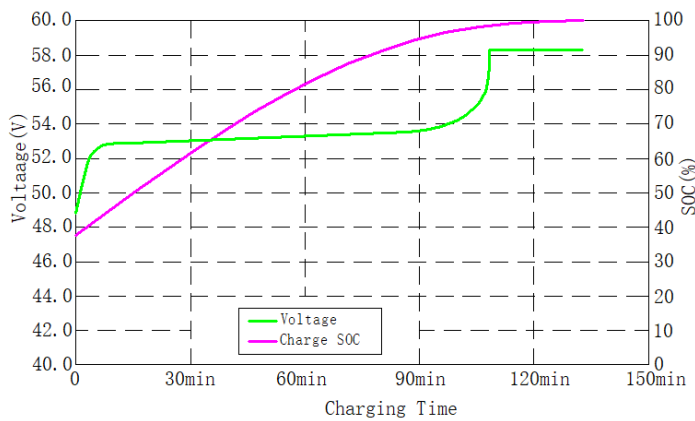
## Different Rate Discharge Curve@25°C



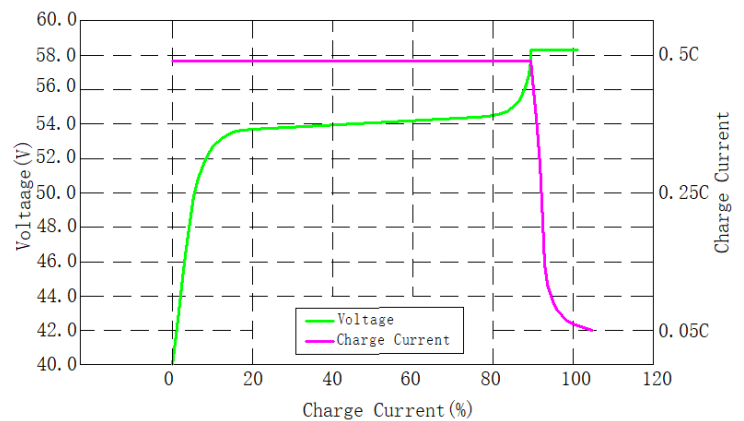
## Different Temperature Discharge Curve@0.5C



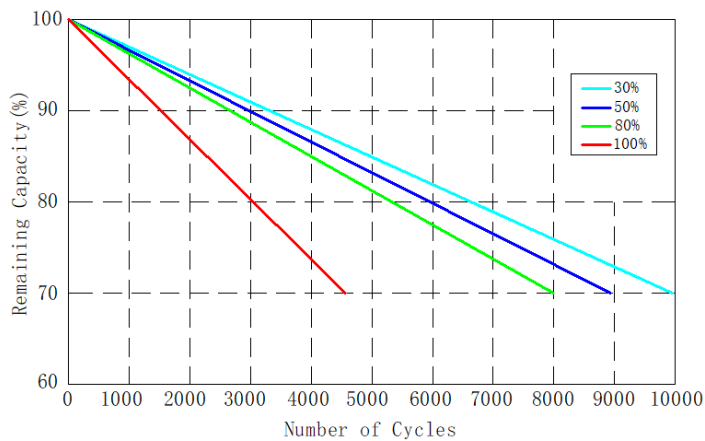
## State of Charge Curve@0.5C 25°C



## Charging Characteristics @0.5C 25°C



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



## Different Temperature Self Discharge Curve

