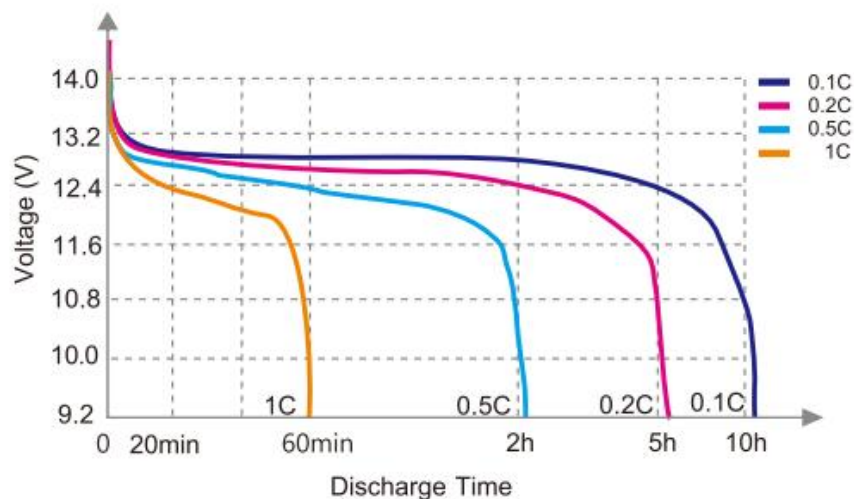
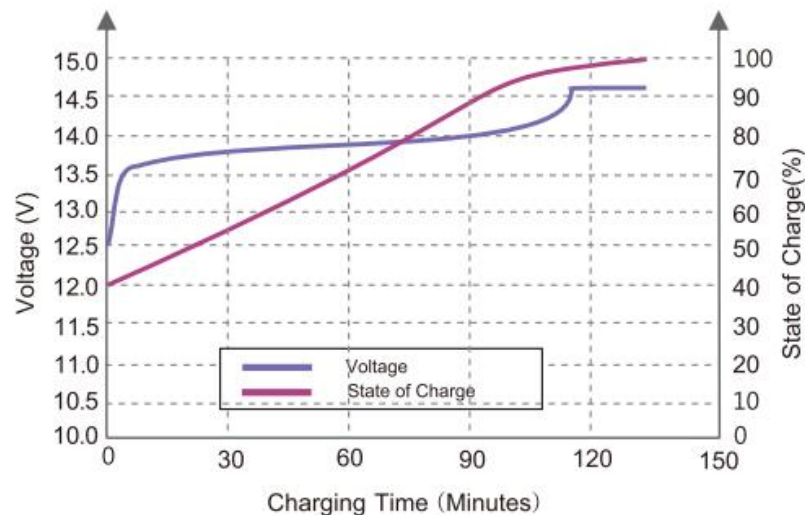


| Product Image                                                                     |                                                        | Physical Specifications(LiFePO4)    |                |
|-----------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------|----------------|
|  |                                                        | Length                              | 151 ± 2 mm     |
|                                                                                   |                                                        | Width                               | 98 ± 2 mm      |
|                                                                                   |                                                        | Height                              | 100 ± 2 mm     |
|                                                                                   |                                                        | Weight                              | 1.4Kg          |
|                                                                                   |                                                        | Container                           | ABS+PC         |
|                                                                                   |                                                        | Width                               | T2             |
| Technical Specifications                                                          |                                                        |                                     |                |
| Nominal Voltage                                                                   | 12.8 V                                                 | Recommended Charge Current          | 7.0 A          |
| Nominal Capacity                                                                  | 14 AH @ 0.2C                                           | Max. Charge Current                 | 14 A           |
| Energy                                                                            | 179.2 Wh                                               | Max. Continuous Discharge Current   | 14 A           |
| Internal Resistance (AC)                                                          | 50 mΩ                                                  | Peak Discharge Current              | 28 A (3S)      |
| Cycle Life                                                                        | 2500+ Cycles @ 1C 100% DOD                             | BMS Discharge Cut-off Voltage       | 10 V           |
| Monthly Self Discharge                                                            | Less than 2%                                           | Charge Temperature                  | 0~45 °C        |
| Efficiency of Charge                                                              | 100% @ 0.5 C                                           | Discharge Temperature               | -20°C to 60 °C |
| Efficiency of Discharge                                                           | 96~99% @1 C                                            | Storage Temperature                 | -20°C to 60 °C |
| Charge Voltage                                                                    | 14.6 ± 0.2 V                                           | IP Class                            | IP65           |
| Charge Model                                                                      | 0.2C to 14.6 V , then 14.6 V , charge current to 0.02C | Maximum Modules in Series/parallels | 4S or 4P       |
| Optional function                                                                 | None                                                   | Standard warranty                   | 2 years        |

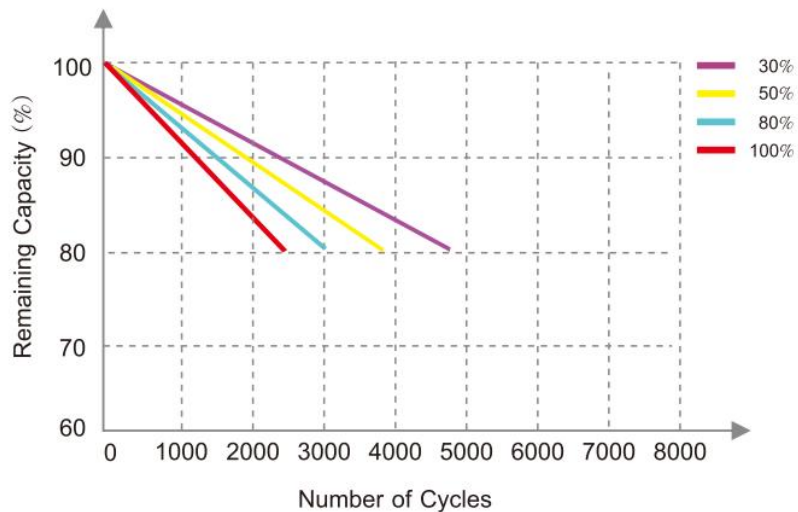
### Different Rate Discharge Curve(25°C)



### State of Charge Curve(0.5C, 25°C)



### Different DOD Discharge Cycle Life Curve(1C)



## Typical Applicaons

- Drop-in Replacement of lead-acid battery series
- Solar/household/Wind energy storage
- RV/motor homes/caravan power supply
- Outdoor Activities
- Boat/Fishing/Marine
- EPS/UPS