

### Features

**Longer Cycle Life** : Offer up to 10 times longer cycle life and five times longer float/calendar life than lead acid battery, helping it minimize replacement cost and reduce total cost of ownership.

**Lighter Weight** : About 40% of the weight of a comparable lead acid battery. A'drop in' replacement for lead acid batteries.

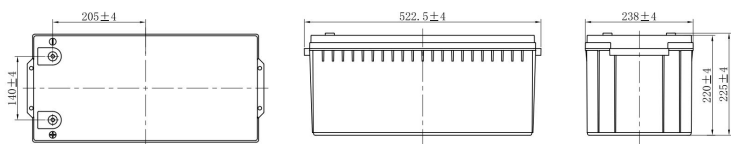
**Higher Power** : Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.

**Wider Temperature Range** : -20~60°C

**Superior Safety** : Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.



### Dimension-mm



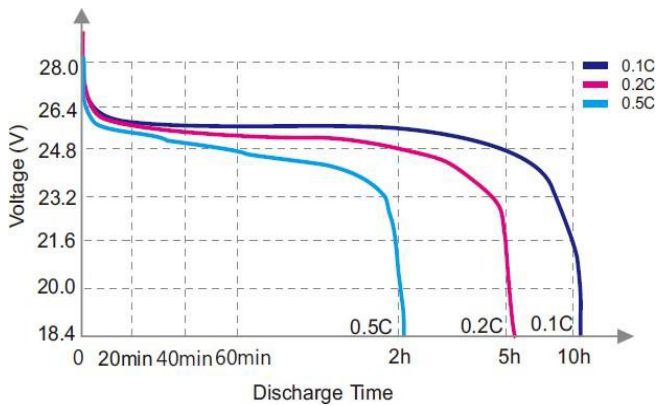
### Application

- Solar/Wind energy Storage
- Golf cart
- Back-up Power for UPS/EPS
- Tools

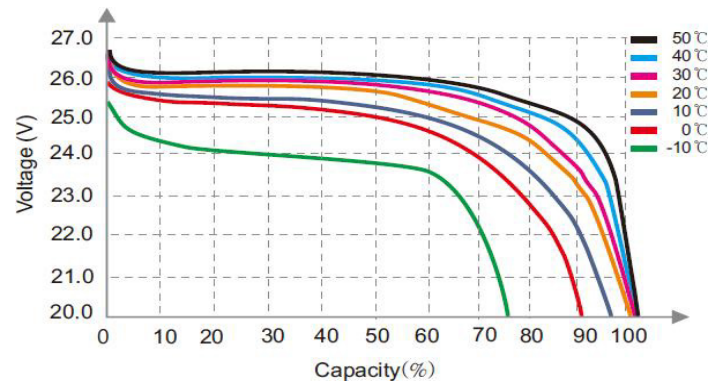
### Specification

|                          |                            |                                 |
|--------------------------|----------------------------|---------------------------------|
| Basic Parameters         | Rated Voltage              | 25.6V                           |
|                          | Rated Capacity             | 200Ah                           |
|                          | Rated Energy               | 5120wh                          |
|                          | Internal Resistance ( AC ) | ≤50mΩ                           |
|                          | Cycle Life                 | ≥3500 cycles @80%DOD            |
|                          | Self Discharge             | 1%/months                       |
|                          | Efficiency of Charge       | ≥97%                            |
|                          | Efficiency of Discharge    | ≥98%                            |
| Charge                   | Charge Voltage             | 29.2V                           |
|                          | Charge Current (Recomm.)   | 40A                             |
|                          | Charge Current (Max.)      | 100A                            |
| Discharge                | Discharge Cut-off Voltage  | 20V                             |
|                          | Discharge Current (Max.)   | 200A                            |
|                          | Pulse Current              | 220A (3S)                       |
| Environmental            | Charge Temperature         | 0°C to 60°C                     |
|                          | Discharge Temperature      | -20°C to 60°C                   |
|                          | Humidity                   | 5% to 95%                       |
| Physical Characteristics | IP Class                   | IP30                            |
|                          | Terminal                   | M8                              |
|                          | Plastic Case               | ABS                             |
|                          | Dimensions ( in. /mm. )    | 522.5*238*220mm(±4mm)           |
|                          | Weight ( lbs. /kg. )       | 39kg                            |
|                          | Others( optional )         | Bluetooth,Shell color,IP rating |

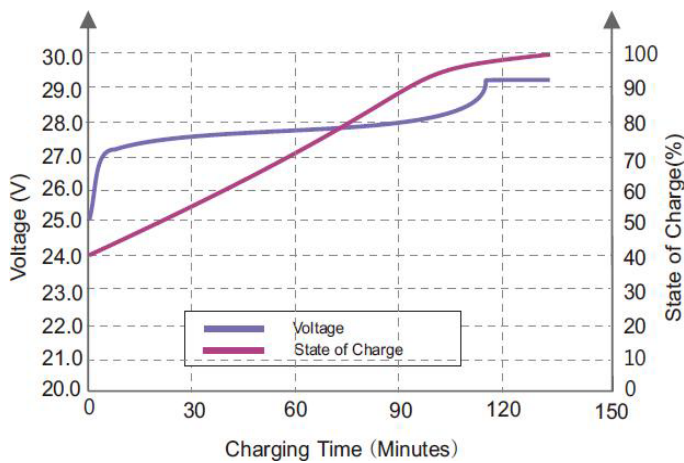
Different Rate Discharge Curve(25°C)



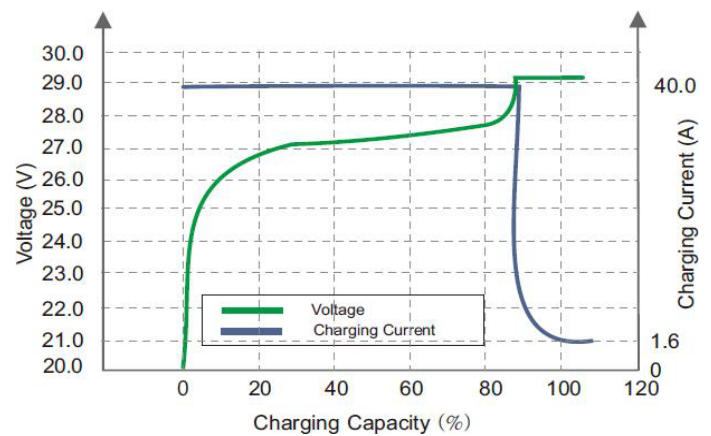
Different Temperature Discharge Curve(0.5C)



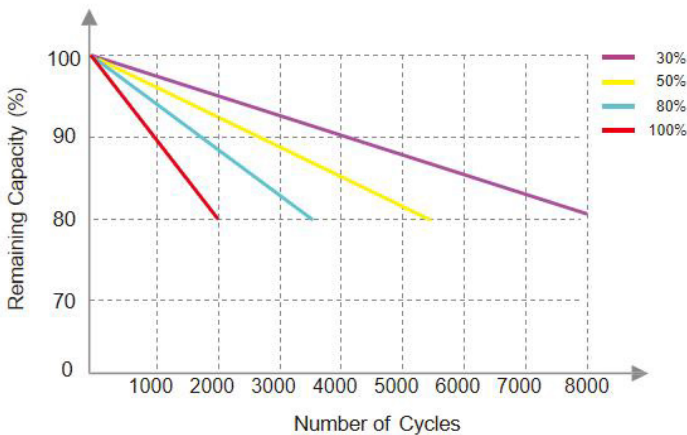
State of Charge Curve(0.2C, 25°C)



Charging Characteristics(0.2C, 25°C)



Different DOD Discharge Cycle Life Curve



Different Temperature Self Discharge Curve

