

# 25.6V LiFePO4 Battery

## 25.6V65Ah



The battery is a lead to lithium battery pack which consists of long span LiFePO4 battery cells and functional BMS. It can customize different voltage capacities according to customer needs, and can form a system according to needs to meet power demand. It is mainly used to replace lead-acid batteries.

### Product Function



#### Diverse scenarios

Used for solar street lighting, emergency lighting, electric wheelchairs and for powering laptops, refrigerators, TVs etc. by connecting to a sine wave inverter



#### Precision construction

Precision moulds are used, taking full account of the safety and durability of the product's internal structure, with a waterproof rating of up to IP54



#### Functional extensions

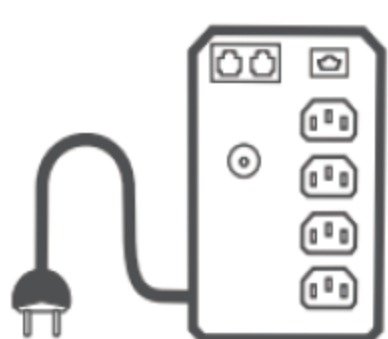
Supports series and parallel use and optional Bluetooth communication to meet differentiated needs



#### After sales service

A 5-year long warranty, additional spare parts and overseas warehouses in several locations guarantee a worry-free after-sales service

### Product Application



UPS



EPS



Solar Power



Electric Vehicle



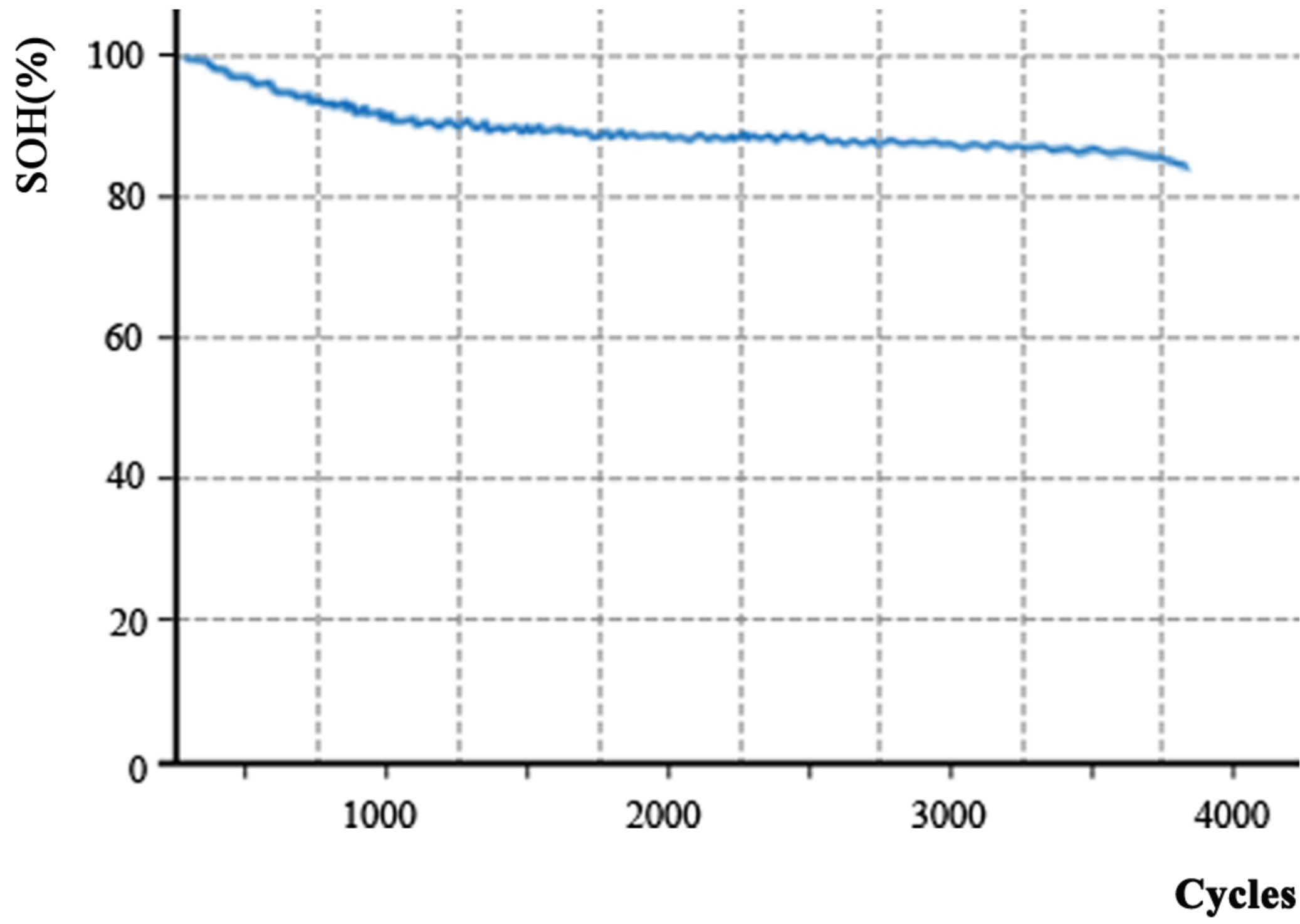
Others



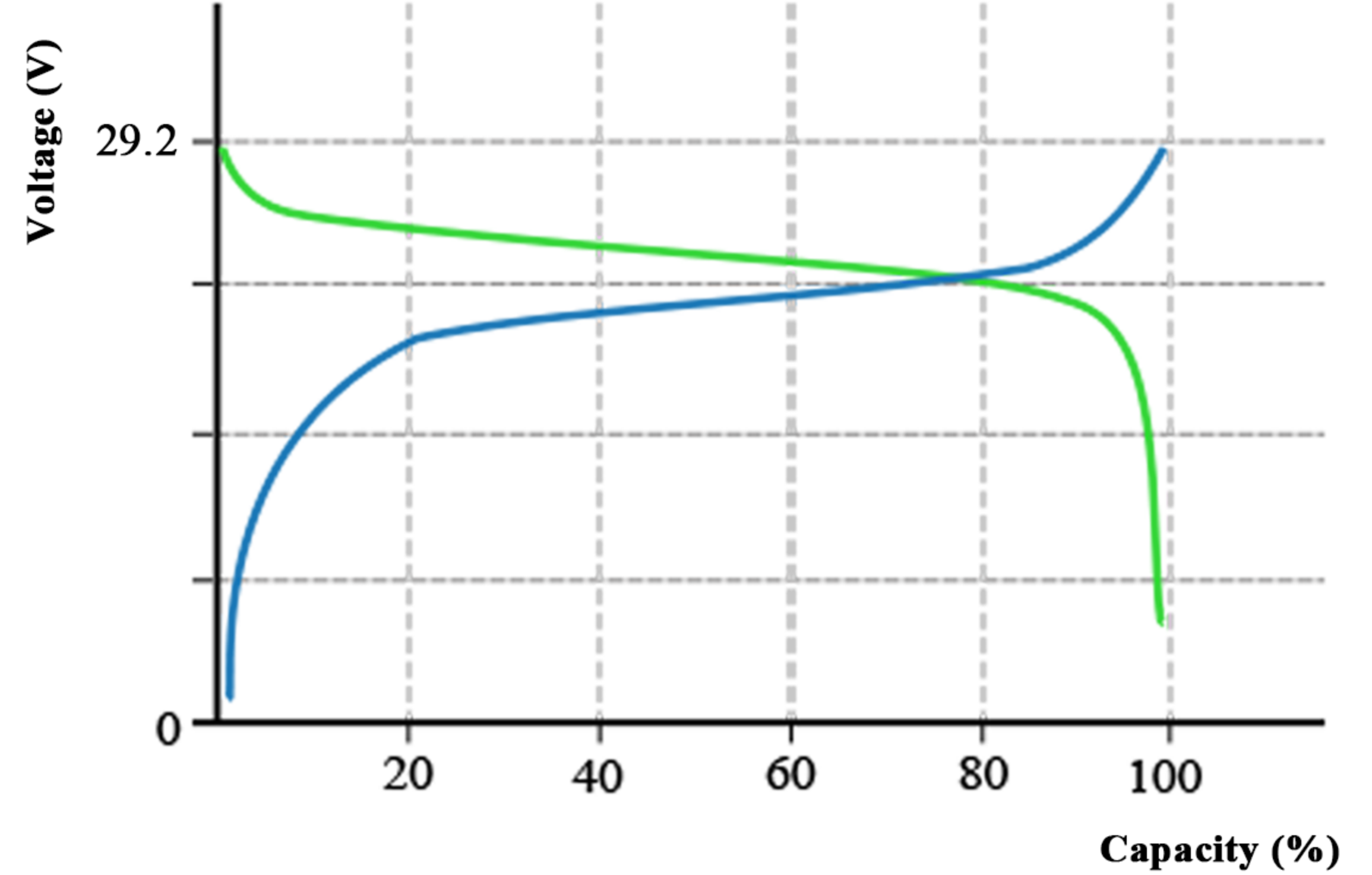
## Performance Curve

### Cycle Life

● 0.5C 25°C



### Charge / Discharge Curve



## Specifications

|                            |                            |             |
|----------------------------|----------------------------|-------------|
| Electrical Characteristics | Nominal Voltage (V)        | 25.6        |
|                            | Nominal Capacity (Ah)      | 65          |
|                            | Nominal Energy (Wh)        | 1664        |
|                            | Cycle Life                 | 2000        |
|                            | BMS                        | 200A        |
| Standard Charge            | Charge Voltage (V)         | 29.2        |
|                            | Charge Profile             | CC-CV       |
|                            | Charge Current (A)         | 25          |
|                            | Maximum Charge Current (A) | 50          |
| Standard Discharge         | Continuous Current (A)     | 25          |
|                            | Max Continuous Current (A) | 50          |
|                            | Max Pulse Current (A)      | 100         |
|                            | Cut-Off Voltage (V)        | 20.8        |
| Environmental              | Charge Temperature         | 0°C~55°C    |
|                            | Discharge Temperature      | -20°C~60°C  |
|                            | Storage Temperature        | -30°C~60°C  |
| Mechanical                 | Material System            | LiFePO4     |
|                            | Case Material              | ABS         |
|                            | L (mm) × W (mm) × H (mm)   | 307*169*208 |
|                            | Weight                     | 16KG        |
|                            | Terminal                   | M6          |
| Warranty                   |                            | 5 years     |