

# Lithium Battery - Golf Cart Series

## GP48-150



### Features Of LiFePO4 Battery

- Long cycle life;
- High integration, small size, high energy density;
- Intelligent management of product usage status with high security;
- Environmental protection;
- Capable of 1C fast charging;

### Application scenarios

- Golf Cart;
- Patrol vehicle;
- Venue vehicle
- Electric tricycle;
- Sightseeing Bus



### Specification

|                          |                                 |
|--------------------------|---------------------------------|
| Nominal Voltage          | 48V                             |
| Working Voltage          | 37.5-54.75V                     |
| Nominal Capacity         | 150Ah                           |
| Energy                   | 7200Wh                          |
| Self Discharge           | ≤3% Per Month                   |
| IP Grade                 | IP65                            |
| Positive material        | Lithium ironphosphate           |
| Cell type                | Prismatic                       |
| Combination method       | 75Ah,2P15S                      |
| Weight                   | ABOUT 65.0KG                    |
| Dimension LxWxH          | L540*W360*H264mm                |
| Fixed size               | L500*W200mm                     |
| Terminal Type            | M8 Terminal Bolts,12±2N·m       |
| Shell type               | Powder Coated Steel             |
| Handle                   | YES                             |
| Storage Temp. short term | -10-50 °C @one month            |
| Storage Temp. long term  | -10~35 °C @one year             |
| Cycle Life               | 5000 cycles                     |
| Heating function         | No                              |
| Cooling type             | No                              |
| Insulation               | 20MΩ/1000VDC,@25±5 °C,<br>RH50% |
| Certification(Program)   | UN38.3                          |

### Charging

|                            |         |
|----------------------------|---------|
| Charging Freeze Protection | <0 °C   |
| Recom. Charging Current    | 75A     |
| Upper limit voltage        | 54.75V  |
| Charging Temp. Range       | 0~45 °C |

### DisCharging

|                          |          |
|--------------------------|----------|
| Max Continuous Discharge | 150A     |
| Max Discharge current    | 225A@30S |
| Lower limit voltage      | 37.5V    |
| BMS Voltage Recovery     | 42V      |
| Discharge Temp. Range    | 20~55 °C |

### Function (optional)

(CAN/RS485), Bluetooth, 4G, Screen, Charger

### Physical Dimension-mm

