

# LITHIUM BATTERY

LFP1233



## Features Of LiFePO<sub>4</sub> Battery

- Ultra light weight
- High integration, small size, high energy density
- Eco-friendly clean energy
- Long lifespan sustainable
- High efficiency

## Application Scenarios

- Electric vehicles, Electric mobility
- Solar/wind energy storage system
- Telecommunication
- Medical equipment
- Lighting



## Specification

|                     |                  |                |
|---------------------|------------------|----------------|
| Nominal Voltage     |                  | 12.8V          |
| Working Voltage     |                  | 10-14.6V       |
| Rated Capacity      |                  | 33Ah           |
| Energy              |                  | 422.4Wh        |
| Positive Material   |                  | LFP            |
| Weight              |                  | Approx.4.0Kg   |
| Dimension           | Length           | 175mm          |
|                     | Width            | 166mm          |
|                     | Container Height | 125mm          |
| Terminal Type       |                  | M6             |
| Container Material  |                  | ABS            |
| Ingress Protection  |                  | IP65           |
| Temp. Range         | Charge           | 0~55°C         |
|                     | Discharge        | -20~60°C       |
|                     | Storage          | -20~60°C       |
| Recom. Temp. Range  | Charge           | 15~35°C        |
|                     | Discharge        | 15~35°C        |
|                     | Storage          | -10~35°C       |
| Cycle Number        |                  | 5000 cycles    |
| Self-discharge Rate |                  | ≤3%/Month@25°C |

## Charge

|                               |       |
|-------------------------------|-------|
| Max Continuous Charge Current | 30.0A |
| Recom. Charge Current         | 6.0A  |
| Upper Limit Voltage           | 14.6V |

## DisCharge

|                                  |       |
|----------------------------------|-------|
| Max Continuous Discharge Current | 30.0A |
| Recom. Discharge Current         | 15.0A |
| Lower Limit Voltage              | 10V   |

## Additional Function

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## Physical Dimension-mm

