



LFP-Series  
MADE IN CHINA

# LFP12100(12.8V100AH)

## LiFePO4 BATTERY



UPS  
SYSTEM



GENERAL  
PURPOSE



EMERGENCY  
LIGHTING



MEDICAL



FIRE &  
SECURITY



## Features Of LiFePO4 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

## SPECIFICATIONS

|                          |                                 |
|--------------------------|---------------------------------|
| Nominal Voltage          | 12.8V                           |
| Nominal Capacity         | 100Ah                           |
| Energy                   | 1280Wh                          |
| Self Discharge           | ≤3% Per Month                   |
| IP Grade                 | IP65                            |
| Positive material        | Lithium ironphosphate           |
| Combination method       | 100Ah, 1P4S                     |
| Weight                   | ABOUT 10.5KG                    |
| Dimension LxWxH          | L330W173H212 mm                 |
| Terminal Type            | M8                              |
| Shell type               | ABS                             |
| Storage Temp. short term | -20-45°C                        |
| Storage Temp. long term  | 0-35°C                          |
| Cycle Life               | 5000 cycles                     |
| Insulation               | 20MΩ/1000VDC,<br>@25±5°C, RH50% |
| Connection options       | 4P4S                            |
| Charging Temp. Range     | 0~45°C                          |
| Max Discharge current    | 300A@170ms                      |
| Lower limit voltage      | 10 V                            |
| Discharge Temp. Range    | -20-55°C                        |

## DIMENSIONS

