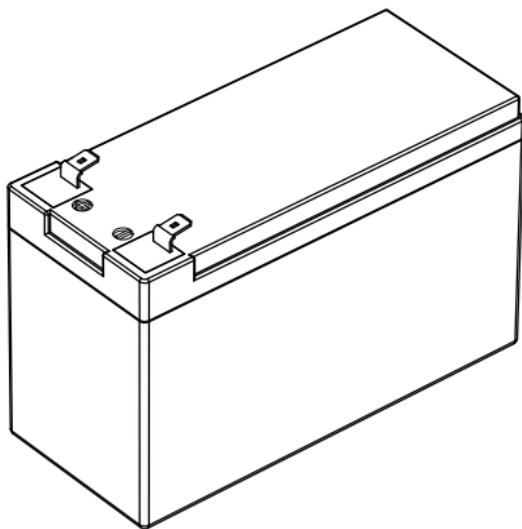




# USER MANUAL



## LiFePO<sub>4</sub> BATTERY PACK

Model: LFP1210

- Safer
- Longer Life
- Increased Flexibility
- Lighter Weight
- Higher Power
- Wider Temperature Range

## PRODUCT SPECIFICATIONS

### ► Electrical Specifications

Nominal Voltage	12.8V
Nominal Capacity	10Ah (0.2C, 25°C)
Energy	128Wh
Resistance	≤50mΩ
Cell Type	LiFePO <sub>4</sub>

### ► Mechanical Specifications

Dimensions (L x W x H)	About 151*65*95mm
Net Weight	About 1.2kg
Terminal Type	T2
Case Material	ABS

### ► Charge Specifications

Charge Voltage	14.4V (14.6V Max)
Standard Charge Current	2A
Maximum Charge Current	5A

### ► Discharge Specifications

Maximum Continuous Discharge Current	10A
Discharge Cut-Off Voltage	About 10V

### ► Temperature Specifications

Charge Temperature	0°C to 50°C
Discharge Temperature	-20°C to 60°C
Storage Temperature	0°C to 45°C

### ► Compliance Specifications

Certifications	CE、UN38.3、FCC、UL1642(cells)&IEC62133(cells)
Shipping Classification	UN3480, CLASS9

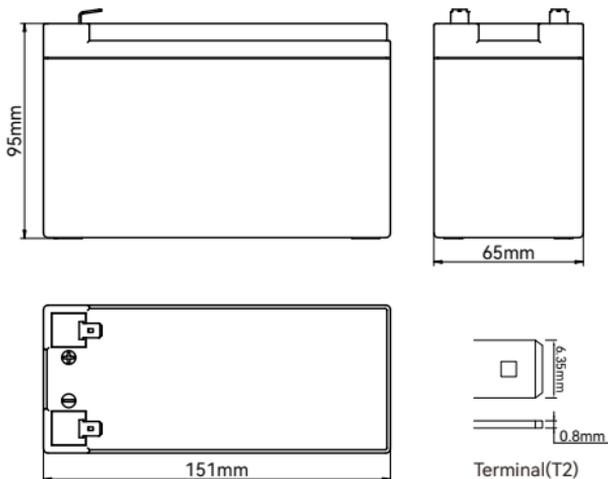
### ► Cycle Life

5000+ (0.2C 25°C 80%DOD)

## ATTENTION

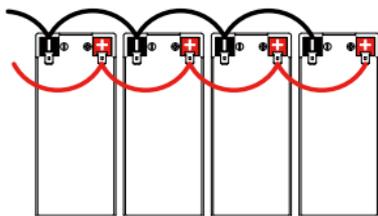
- ⚠ Please ensure that you have read this manual carefully before using this product.
- ⚠ Can not be used as starting battery.
- ⚠ Do not immerse the battery in water.
- ⚠ Do not let children touch or operate this product.
- ⚠ Do not let the product's environment temperature drop suddenly to avoid its internal condensation phenomenon.
- ⚠ Please do not expose this product to fire, heat source, direct sunlight or high temperature over 60°C.

## DIMENSIONAL SPECIFICATIONS

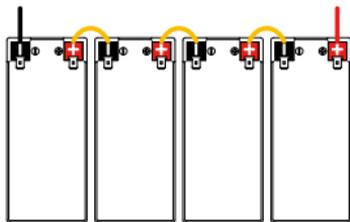


## DIY BATTERY PACKS

### ► Modules in Parallel



### ► Modules in Series



- The model can support at most 4 pieces in series and 4 pieces in parallel.
- Before the connection, the voltage difference between the batteries should be  $\leq 0.3V$ .
- The total working current after series and parallel connection cannot exceed the working current specified by the single battery pack.

## AFTER-SALES SERVICE

During the warranty period, our company will provide free maintenance and replacement parts for defects in material, technology and damage caused by non-human reasons.

During the warranty period, the following situations can not obtain free maintenance services:

- 1. Disassemble the product without permission.
- 2. Surface damage is not covered by the warranty.
- 3. The user does not use the product according to the instructions.
- 4. Failure or damage caused by accident, human, environmental factors (operation error, collision, unreasonable voltage, damp, etc.)
- 5. Product packaging and accessories are not under warranty.

**GOLDE****MATE**

Shandong Goldencell Power Technology Co., Ltd.