



# 150AH 12V LITHIUM BATTERY

## Specifications

### Lithium Iron Phosphate (LiFePO4)

Nominal Voltage	12.8V
Rated Capacity	150Ah
Absorption Voltage	14.2-14.4V
Temperature Compensation	No
Charging Cut-off Voltage	14.6V
Discharge Cut-off Voltage	10V
Recommended Charging Current	75A
Maximum Charging Current	120A
Maximum Discharge Current	75A (standard) 120A (continuous) 300A (surge)
Bluetooth Connection	No
Self Heating	No
BMS Protection	Charging Overcurrent Short-circuit High Temperature
Internal Resistance	≤13.2 mΩ
Storage Temperature	-20-25°C
Charging Overheat Protection	85-95°C
Discharge Overheat Protection	85-95°C
Charging Overheat Recovery	50-80°C
Discharge Overheat Recovery	50-80°C
Charging Low Temp Protection	No
Charging Low Temp Recovery	No
Cycles	3000-5000

## Key Features

### · Unparalleled Quality

Made from A class cells with industry-leading technique, Eco-worthy LiFePO4 batteries boast 10 times longer life than lead-acid batteries. Along with 100% usable capacity and wide working temperature range, they will be the strong support to your need of power.

### · Lightweight Design

The LiFePO4 batteries are about 1/3 lighter and smaller than lead-acid batteries. This special design makes outdoor use and indoor installation easier. It is an ideal choice to save your force and indoor rooms.

### · Long Lifetime

Eco-worthy LiFePO4 batteries can be recharged 3000~5000 times for a longer cycle life. The self-dissipation of the batteries is as low as 3% per month, giving better performance on storage and endurance.

### · Perfect Protection

The built-in BMS(Battery Management System) provides protection features for overcharging, over-discharging, over temperature, short-circuit and so on, keeping the battery well maintained and reliable.

### · Capacity Expansion

Eco-worthy LiFePO4 batteries can support both series and parallel connections for bigger capacity and better performance. The reliable cells ensure the battery bank works in perfect condition.

# PRODUCT DIMENSIONS



## Dimensions

Length	12.3 in / 312 mm
Width	7.9 in / 200 mm
Height	11.2 in / 285 mm
Weight	41 lbs / 18.6 kg
Terminals	M8

## Materials

Case and Cover	Metal Plate
Color	Black

Up to 16 batteries can be connected in series or parallel to make a 48V battery pack



Parallel Connection  
12 Voltage

Series Connection  
48 Voltage