



50AH 12.8V LITHIUM BATTERY

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.

Specification

Lithium Iron Phosphate (LiFePO4)	
Normal Voltage	12.8V
Rated Capacity	50Ah
Absortion Voltage	14.4V
Temperature Compensation	No
Charging Cut-off Voltage	14.6V
Discharge Cut-off Voltage	10V
Recommended Charging Current	25A
Maximum Charging Current	50A
Maximum Discharge Current	50A
Bluetooth Connection	No
Self Heating	No
BMS Protetcion	Yes
Internal Resistance	25mΩ
Storage Temperature	20-30 C
Charging Overheat Protection	85
Discharge Overheat Protection	85
Charging Overheat Recovery	60
Discharge Overheat Recovery	60
Charging Low Temp Protection	No
Charging Low Temp Recovery	No
Cycles	4000

12.8V 50AH

LiFePO4 Battery



ECO-WORTHY

PRODUCT DIMENSION



Dimension

Length	232 mm
Width	135 mm
Height	181 mm
Weight	5.74KG
Terminals	M6

Material

Case and Cover	ABS
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