

SolarTech Power Solutions

Lithium iron phosphate 12V outdoor power supply



Overview

What is a lithium iron phosphate battery?

ECO-WORTHY LiFePO₄ 12V Lithium Iron Phosphate Battery has twice the power, half the weight, and lasts 8 times longer than a sealed lead acid battery, no maintenance, extremely safe and very low toxicity for environment.

What is the difference between lithium FePO₄ and 12V lithium battery?

□Efficient & Convenient□LiFePO₄ Battery can be 100% discharged (lead acid battery can only 40%-50% discharged).12V lithium battery has constant power (lead acid battery has steady power drop when use it). More reliable and powerful.

How long does a lithium phosphate battery last?

Ideal for cold winter use in RVs, cabins, off-grid installations and marine applications [4000-15000 Deep Cycles]: ECO-WORTHY 100AH lithium iron phosphate battery provides 4000-15000 times deep cycles, which is eight times than that of lead-acid batteries (300-400 times). The lifespan of each ECO-WORTHY LiFePO₄ battery can reach 10 years.

What is xiyingshidai 12 volt 140ah LiFePO₄ battery?

xiyingshidai □Automotive Grade Battery□12 volt 140ah LiFePO₄ battery use Automotive Grade LiFePO₄ Cells with higher energy density, more stable performance and greater power. Highest-level safety based on UL Testing Certificate for the cell inside. Perfect for solar home, RV, campers, solar, motor homes, off-grid applications.

How does the eco-worthy 12V 100Ah LiFePO₄ battery work?

[Low-Temperature Charging Protection]: The ECO-WORTHY 12V 100Ah lifepo₄ battery has a built-in enhanced BMS with Low Temperature Protection, specifically designed for unparalleled performance in harsh cold conditions.

Charging would be cut off to protect the battery when the surrounding temperature falls below $-7^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ($19.4^{\circ}\text{F} \pm 9^{\circ}\text{F}$).

How much does a LiFePO₄ battery weigh?

[Easy to Move]: ECO-WORTHY 12.8V 100Ah LiFePO₄ battery weighs only 22 pounds, only 1/3 the weight of lead-acid batteries, easy to move and install. The installation direction is not restricted, there is no risk of leakage, it is the best choice for outdoor use and home energy storage

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Contact Us

For catalog requests, pricing, or partnerships, please visit:
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