



48V 400AH LiFePO4 Battery

What is a 48 volt LiFePO4 battery?

A 48 volt LiFePO4 battery is normally used for solar energy storage systems and also for golf carts or marine applications. The popularity of the 48v lithium iron phosphate battery lies in its safety as the most advanced lithium rechargeable batteries currently available. Additionally, LiFePO4 batteries have much longer life cycles than other types of lithium batteries.

What is a 48V 400Ah lithium ion battery?

This 48V 400AH Lithium Ion Battery is the perfect replacement from any AGM, GEL or Lead Acid Battery. Designed as a "drop in replacement" meaning all you have to do is take out your old battery and place the Lithium Battery in the same way.

What is a 48V 400 Ah battery pack?

This OEM 48v 400 Ah battery pack created with only 16 prismatic 3.2V cells in series versus the industry's standard practice of 100's AA Grade Lithium battery cells in series. Our A+++ Cells are UL Listed and designed for over 7000 cycles at 80% depth of discharge. This means well over 15 years of use even if you deep discharge it EVERY DAY!

How many volts does a 12V LiFePO4 battery charge?

12V Lithium Battery Voltage Chart (1st Chart). Here we see that the 12V LiFePO4 battery state of charge ranges between 14.4V (100% charging charge) and 10.0V (0% charge). 24V Lithium Battery Voltage Chart (2nd Chart). Here we see that the 24V LiFePO4 battery state of charge ranges between 28.8V (100% charging charge) and 20.0V (0% charge).

What is a LiFePO4 battery state of charge?

Here we see that the 3.2V LiFePO4 battery state of charge ranges between 3.65V (100% charging charge) and 2.5V (0% charge). Illustration of a LiFePO4 battery and all the relevant inner parts. Lithium battery state of charge charts are a reflection of the results we get with Peukert's law.

What is a 3.2V LiFePO4 battery?

3.2V lithium batteries are those regular batteries you put in older TV remote controls. Here are the voltage discharges: As you can see, 3.2V LiFePO4 battery can output anywhere from 3.65V (at 100% charging) to 2.5V (0%).



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