



# 12 8V84Ah LiFePO4 Battery

What is a 12V LiFePO4 battery?

Most 12V LiFePO4 batteries are designed as a replacement for a car/truck/boat/RV battery and in particular, EXACTLY to be charged by an ordinary car alternator that is limited at 14.2-14.6 volt. (In contrast, PV/wind/offgrid installations are usually made from single 3.2V cells with external BMS)

How long does a LiFePO4 battery last?

LiFePO4 battery can provide 2,000+cycles and 10 years of service life. It is more durable and longer life than traditional lead-acid batteries. Lithium iron phosphate batteries are acid-free, so you can easily use them at home, at work or for your trusted, safe outdoor needs.

How to charge a LiFePO4 battery?

It is recommended to charge the battery with a professional LiFePO4 charger in order to fully charge it (existing lead acid battery chargers (wet, AGM or gel) will also work fine) With a dedicated R&D team, we are always looking to provide the perfect power solution for our customers.

What is LiFePO4 battery management system?

Built-in battery management system (BMS) protects the battery from various conditions during the charging/discharging process. And with high temp /low temp automatic cut off. The weight of LiFePO4 battery is only 1/3 of traditional lead-acid battery. LiFePO4 battery can provide 2,000+cycles and 10 years of service life.

Are LiFePO4 batteries safe?

?Safe and Reliable?: LiFePO4 batteries will not burn when overcharged, overdischarged, overcurrent or short-circuited, and can withstand high temperatures without decomposing, with built-in BMS protection against overcharge, overdischarge, overcurrent and short-circuit circuits.

Are Sefepoder LiFePO4 batteries good?

?Excellent Performance?: Sefepoder LiFePO4 batteries are made of high quality cells with high energy density, Long cycle life, Good safety performance, no memory effect, etc. The batteries are only 1/3 of the weight of lead-acid batteries of the same capacity! More safety and environmentally friendly than lead-acid batteries.



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