



# LiFePO4 48V 100Ah Battery Pack

What is a 48V 100Ah lithium iron phosphate - LiFePO4 battery?

The Aegis Battery 48V 100Ah Lithium Iron Phosphate - LiFePO4 Battery is a state of the art rechargeable battery pack made with 18650 cells designed for 48V devices. It is perfect for energy storage, solar applications, robots, backup power, and other applications that require a higher-energy density battery.

How long does a LiFePO4 battery last?

2500 - 7000 cycles and a 10 year lifetime cycle use. ISO 9001, UL, & ROHS Certifications for every battery. Longer Service Life: Our LiFePO4 battery provides 2500 - 7000 cycles & a 10 years lifetime compared to 200 - 500 cycles & a 3 years lifetime in typical Lead Acid chemistry.

Can I use a LiFePO4 battery with an inverter?

Deep cycle 48V 100Ah LiFePO4 battery module can be used with the most popular inverter. The 100Ah LiFePO4 48V Battery pack is an expandable battery pack with a built-in BMS system, which can be combined into a rack storage system or used individually in a home solar system.

What is the difference between LiFePO4 battery and lithium iron phosphate battery?

Compared to the same capacity lead acid battery, LiFePO4 battery has a 1/3 weight, 2 times energy release and 4 to 10 times cycles. Besides, lithium iron phosphate battery has a more stable performance, over 90% efficiency, lower than 3% self discharging rate. Let alone the extra BMS protection.

What is EG4 LifePower4 lithium battery?

Items are sold "As-Is"; The EG4 LifePower4 Lithium Battery 48V 100Ah provides reliable energy storage for server racks, ensuring uninterrupted power supply with its efficient and high-capacity lithium technology.

What is a DL 100Ah battery?

The DL 100Ah battery is built with Dakota Lithium's legendary LiFePO4 cells. 5,000+ recharge cycles (roughly 5 year lifespan at daily use) vs. 500 for other lithium batteries or lead acid. Optimal performance down to minus 20 degrees Fahrenheit (for winter warriors). Plus twice the power of lead-acid batteries at half the weight.

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