



# 100ah solar battery specifications

What is a 100 Ah solar battery?

A 100 Ah solar battery is a battery that can store 600 watt hours, or 0.6 kWh, of DC power. These batteries can be used for grid-tied, grid-assisted backup, or off-grid solar installations. With a 50% depth-of-discharge (DOD) rate to extend the battery life, the 100 Ah battery could deliver 0.3 kWh of daily DC power.

What is a 48V 100Ah lithium battery?

The 48V 100Ah lithium battery is equipped with a 100A BMS to resist load and temperature fluctuations, extending its service life. With UL, FCC, CE, RoHS and UN38.3 certificates as well as a 5-year warranty, LiTime provides peace of mind regarding battery security. The LiTime 48V 100Ah battery empowers your life through premium longevity.

How long does a 48V 100Ah lithium battery last?

Eco-friendly and free of toxins, the cells maintain high performance for 10+ years while minimizing environmental impact. The 48V 100Ah lithium battery is equipped with a 100A BMS to resist load and temperature fluctuations, extending its service life.

What is a LiTime 48V 100Ah LiFePO4 battery?

LiTime 48V 100Ah LiFePO4 battery takes energy storage to the next level. With 4800Wh of usable energy, this powerhouse battery delivers more than enough juice for your needs. Say goodbye to the inconvenience of constant recharges or complex, space-eating wiring schemes. As a single 48V unit, installation is effortless and operation is streamlined.

Why should you use a 100A BMS for a LiFePO4 battery?

The built-in 100A BMS protects the LiFePO4 battery from potential risks for long-term use and prolongs the battery's longevity as much as possible. This reliable BMS has protections against overcharge, over-discharge, overheating, overcurrent, and short circuits. An ultra-low self-discharge rate makes it longer-lasting.

This 24V 100Ah lithium iron phosphate battery is perfect in many applications, including solar projects applied for home or marine, electric vehicles. It maintains consistent power and is equipped with built-in smart BMS with RS485 & Can ...



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