



# 12 volt lithium battery pack

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Buy ExpertPower 12V 20Ah Lithium LiFePO4 Deep Cycle Rechargeable ...

Unmatched Technology: The ECI Power LiFePO4 battery is designed to meet the ...

The 12V li-ion battery pack is popular in various fields such as CCTV, cameras, RVs, and marine applications. At Coremax, we have designed many types of battery packs for you to choose from, which are specifically designed to power system devices that use 12V DC battery. These battery packs are built using top-tier materials and technologies, ensuring that they are reliable, efficient, and long-lasting. Whether you require a standard 12V li-ion battery pack or a custom-made solution, we have the expertise and resources to meet your requirements and exceed your expectations.

Our 12V li-ion battery packs are ideal for a wide range of devices such as wireless transmitters, CCTV cameras, LED lights, mobile phone spammer, solar power systems, emergency power systems, electric garden sprayers, electric lawn sprayers, handheld electric airless sprayers, electric garden tiller cultivator, and mechanical cotton pickers.

We also offer optional designs to include power on/off switches and remaining power indicators. Our battery packs come in different capacities, including 12V 2000mAh, 3000mAh, 5000mAh, 8000mAh, 10000mAh, 12000mAh, 20000mAh, and 30000mAh. Capacities are also expressed as 12V 5Ah, 12V 10Ah, 12V 12Ah, 12V 30Ah, and 12V 40Ah.

We also provide full custom design options, with low minimum order quantities (MOQ), allowing you to create a tailored battery pack suitable for your requirements.

At Coremax, our design services can help you from the early design stage to the final mass production. Typically, when using IFR18650 or any other LiFePo4 battery cells, we use 12V 4S BMS. However, when applying ICR18650 or NCM lithium polymer cells, we recommend using 3S BMS. We believe in working together with you, from providing industrial design suggestions to selecting the appropriate battery type and guidance on architecture. Our goal is to help save you time and resources, and support you in bringing your designs to market successfully.

Our main 12V rechargeable battery pack products are built using 18650 cells, prismatic LiFePo4 cells, and lithium polymer cells. In addition to the 12V battery pack, we can provide related 12V lithium battery chargers, at a very low cost.

With over 15 years of experience, Coremax's R&D team and engineers are experts in the manufacturing and design of lithium-ion battery packs. Our expertise and experience can help ensure that you



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receive the most favorable pack that meets or exceeds your expectations.

To begin customizing your 12V battery pack, simply send us an email, and we'll be happy to help you create a tailored solution that is perfect for your needs.

Lithium ion battery like polymer or 18650 li ion. They are very sensitive on low voltage. Normally, the battery or battery pack come with BMS, it has the function prevent over discharge. However, the bms circuit could be damaged for some reason. And battery cell fully discharged to 0. In this situation. The battery cell could be damaged permanently.

Step 1. Check the connections may seem improbable, but the stability of any power connection is limited by its weakest link. Check the contacts and terminals for dirt, oils, corrosion, excessive wear or anything that can hamper a good, stable connection. This includes the battery contacts with application, in the charger, and on the battery itself.

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