



# 150ah lithium deep cycle battery

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MANLY lightweight 12v battery is the perfect replacement for old lead-acid batteries. Our popular 12v 150ah lithium battery is only a third of the weight of traditional batteries. But lighter doesn't mean shorter. This little powerhouse can outlast more than 8000 cycles. Plus, it delivers double the power of lead-acid batteries, even at high discharge rates, while maintaining a strong energy capacity.

But we don't stop at long-lasting. MANLY 150Ah lithium battery come with tailored protective features. It guards against short circuits and overcharging. It also protects from over-discharging. A balanced circuit? Yep, it's in there. You can even connect multiple series in parallel. With MANLY Battery, you get power, safety, and versatility.

Our 12V 150Ah LiFePO<sub>4</sub> battery features premium LiFePO<sub>4</sub> cells with a low self-discharge rate and a custom low-power battery management system, ensuring long storage intervals and minimal maintenance. The 150ah lithium battery offers superior battery-balancing functionality, high charging and discharging efficiency, and an extended service life.

Lightweight and compact, our lithium battery weighs less than half of comparable lead-acid batteries, reducing system complexity and costs. With robust power output and multiple protection features, our 150ah battery is ideal for diverse applications, including data centers, communication backup power supplies, and medical equipment.

Our 12V 150Ah deep cycle battery, designed for applications requiring deep cycling, is perfect for solar systems, golf carts, and marine use. Utilizing advanced LiFePO<sub>4</sub> technology, this lithium-ion battery 150ah is lighter, smaller, and more efficient than traditional batteries. It charges fully in less than 2 hours and retains its charge significantly longer, losing only 2-3% per month compared to 30% for lead-acid batteries.

Choose MANLY's 12V 150Ah lithium deep cycle battery for unmatched efficiency and durability. Our batteries are engineered to deliver high performance and longevity, making them the top choice for professionals across various industries.

As a leading lithium battery manufacturer and supplier, MANLY provides high-quality lithium-ion batteries. Our comprehensive range includes 12V, 24V, 36V, 48V, 60V, and 72V lithium batteries. We are committed to delivering top lithium battery solutions for various applications. Whether you need wholesale, OEM, or custom battery packs, we have the expertise and resources to meet your needs.

R:MANLY 12V 150Ah LiFePO<sub>4</sub> battery can operate in temperatures as low as -20°C (-4°F). Before shipment, This battery undergo rigorous examination and quality control checks to ensure optimal performance.



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For faster charging, you can use higher amperage chargers, but make sure it aligns with the battery manufacturer's recommendations to avoid damaging the battery. Additionally, if you use solar panels, the charging time will depend on the wattage of the solar panels and the available sunlight. Using a 200W solar panel, for example, could take around 9-12 hours to fully charge a 150Ah lithium battery under optimal conditions.

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