

# Trolling motor lithium ion battery

Optimize your fishing experience with lithium batteries for your trolling motor. Our article lists 5 benefits: lightweight, durable, high energy density, low maintenance, and eco-friendliness. We provide guidelines for selecting a LiFePO<sub>4</sub> battery size for your trolling

Most electric trolling motor will operate with any deep cycle 12-volt marine battery. But for the longest run time and lifespan we recommend lithium iron phosphate (LiFePO<sub>4</sub>) batteries. Here's 5 reasons why: Dakota Lithium LiFePO<sub>4</sub> batteries will provide double to triple the run time. More run time means more fishing time.

When shopping for lithium trolling motor batteries, you'll need to consider amperage and voltage. The larger the motor, the higher capacity you'll need in its battery. For optimal performance, look at your manual or speak to the manufacturer for guidance.

A lithium battery can keep your trolling motor at the same speed for almost twice as long as lead-acid batteries of the same rated capacity. A lead-acid battery should only be discharged to roughly half of its rated capacity (Ah), which means you need to get a battery double the capacity you actually want to use.

When it comes to marine batteries or trolling motor batteries, you have your typical 12-volt lead acid batteries, AGM (or Gel Mat) batteries and you have lithium batteries (LiFe PO<sub>4</sub>). These can be used to start an outboard, power lights and pumps, power multiple electronics and fish finders and run a 12, 24 or 36-volt trolling motor.

BlueFusion GX100, 100Ah trolling motor battery. Priced way above any other products mentioned here, the BlueFusion GX100 has made it onto our list as it's a Lithium-ion battery. That means it's lighter than traditional lead acid batteries - ...

For reliable, optimized performance, there's nothing better than Newport's lithium batteries--perfect for trolling and outboard motors. Monitor battery power in real time with the cutting-edge Newport Bluetooth Battery App to stay in control on the water.

QUEST series trolling motors will operate with any deep cycle marine 12, 24, or 36-volt battery/batteries and have been optimized for use with LiFePO<sub>4</sub> Lithium Ion battery cells. Lithium Ion batteries maintain higher voltages for more extended periods than lead-acid batteries and will provide the best performance in powering the trolling motor.

Lithium Iron Phosphate (LiFePO<sub>4</sub>) marine batteries are becoming a more common option for powering trolling motors, fish finders and other accessories. A wide array of brands have started to offer Lithium-based batteries for fishing boats, and--depending on your budget--the price point of a new lithium setup might scare



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away price-conscious anglers.

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