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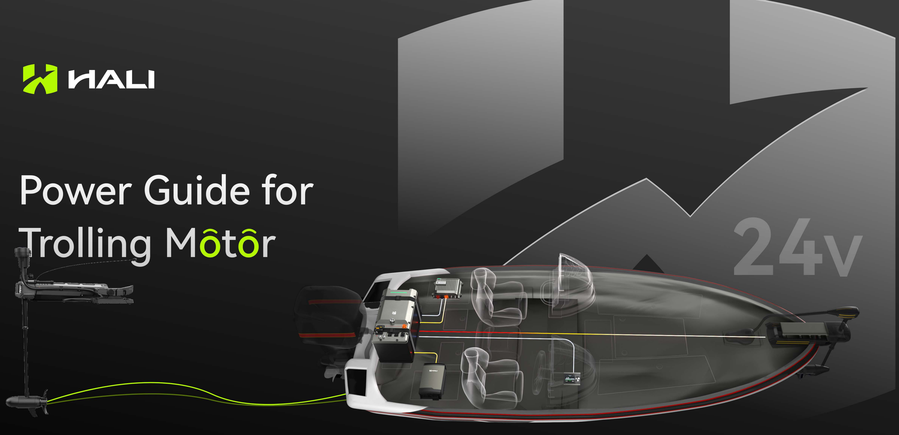
Power Guide for Trolling Môtôr



What's New?

Innovations in Trolling Motor Power Supply Systems

It is the go-to solution for anglers with passion and taste! Because the system is powerful in many ways:

Firstly, its **Functionality**: the system was established as a comprehensive ecosystem, seamlessly integrating charging, storage, power consumption, and display. Its fully automated operation is chip-controlled, ensuring excellent compatibility, high reliability, and optimal performance while extending the service life of each module.

Secondly, its **Safety**:

a. Dual-layer protection through advanced software and hardware safeguards against overcharging, overcurrent, overheating, overvoltage, undervoltage, and related risks.
b. Solid connections ensure long-term reliability, preventing issues from poor contact and reducing fire risks due to overcurrent or short circuits.
c. A built-in pressure relief valve promptly releases excess pressure, complemented by a fire suppression device to address internal battery overheating, ensuring comprehensive safety.

Thirdly, its **Sophisticated Process:**

True IP67 Complete Protection: More than just standard glue adhesion, this design incorporates fastening screws, sealing strips, and a specialized waterproof structure. The entire unit undergoes rigorous airtightness testing, ensuring reliable and stable performance in both saltwater and freshwater environments.

Fourthly, its **Convenience:**

Quick-Connect Terminal Design: The plug-and-play setup ensures rapid installation and easy maintenance.
One-Click Start: The intuitive system display ensures effortless operation, clearly showcasing implementation data and alarm information. This feature provides anglers with peace of mind while fishing.

Last but not least, the design is aesthetically pleasing. Combined with all other features, who would say no to a product that looks great inside and out?

How to Configure 24V Power System for your Boat?

Starter Combo: Lithium Battery + Monitor + DC-DC Charge

MODEL：24V- FM3+X3+MDX12-60

Adding a DC-DC charger enables battery recharging from the outboard motor at any time, extending standby time. It also converts power from a 24V or 36V battery to 12V, allowing more devices to run without needing additional batteries.

Advanced Combo: Lithium Battery + Monitor + DC-DC Charger +MPPT Charger

MODEL：24V- FM3+X3+MDX12-60+MSC30M

If you have solar panels on board, or plan to install them, pairing them with an MPPT charger is an excellent choice. Our high-performance MPPT charger delivers efficient charging even under average lighting conditions, ensuring the battery is replenished anytime and anywhere. It also helps maintain the battery's health without requiring a mains connection during fishing moratoriums, keeping it in a fully charged state.

Premium Combo: – Lithium Battery + Monitor + DC-DC Charger +MPPT Charger +AC-DC Charger

MODEL：24V- FM3+X3+MDX12-60+MSC30M+BS2420

Our AC-DC charger features a quick-connect wiring harness design, allowing you to effortlessly connect to shore power and recharge the battery when you return home after an enjoyable fishing trip. No more hassles!