

TROLLING MOTOR

TM120A



Functional Requirements

- Wiring Harness for Left/Right Installation. Flexible and convenient, suitable for more boat models and installation positions.
- Scissor-style bracket for faster and easier cable retraction.
- Angle rotation synchronization with precision and durability in the gears.
- Advanced GPS Technology. Automatically adjusts the position for convenient operation.
- Double Protection. Prevents wiring harness tangling and tearing.
- Composite Material Main Shaft. Lightweight, high strength, corrosion-resistant, wear-resistant, and fatigue-resistant.
- Large thrust with low noise.

INNOVATIVE FEATURES



Intelligent Autonomous Positioning

By utilizing GPS + IMU + intelligent control algorithms, the vessel can adjust its position based on its location, offering users a safer and more convenient sailing experience.



Efficient Electric Propulsion System

The system uses batteries, including lithium batteries, as its power source, ensuring zero emissions and low noise. This not only protects the marine environment but also provides a quiet and comfortable environment for activities such as fishing and leisure.



Patented Steering Structure and Support Base

The unique steering gear structure and reinforced support base design ensure stability and reliability in extreme conditions. Furthermore, this design simplifies the installation and maintenance process, reducing operational costs. The innovative steering control provides more precise angles.



High Waterproof Rating and Anti-Tangle Tech.nology

The innovative high waterproof design combined with anti-tangle spring technology ensures the equipment maintains excellent performance in harsh marine conditions, extending its lifespan.

SPECIFICATIONS

Rated Voltage of Motor (VDC)	Maximum Current of Motor (A)	Power (w)	Axis Length (in)	Thrust (lbs)	Installation Method	Control Mode	Waters
24/36	50	1200/1600	55/65/75	80-120	Bow	Remote control / foot pedal	Freshwater/ seawater