

HARMO[®] *THE NEXT GENERATION*

Yamaha Introduces New Fully-Electric Propulsion HARMO[®] Outboards

Yamaha expands its HARMO line with a next generation electric outboard, available in single and twin configurations. Fully integrated with Helm Master[®] EX, the new HARMO provides comfortable, intuitive boating control that enables boaters of all skill levels to maneuver their boats with confidence.

The new HARMO Electric Outboard allows boaters to enjoy quiet, yet palpable thrust in single or twin applications. With an impressive 9.9 horsepower gasoline-powered equivalent rating, Yamaha's new HARMO Electric Outboard is offered in 20-inch and 25-inch shaft lengths.

The multi-functional, intelligent design of Yamaha's newest HARMO Electric Outboard features industry upgrades in both boater convenience and comfort.

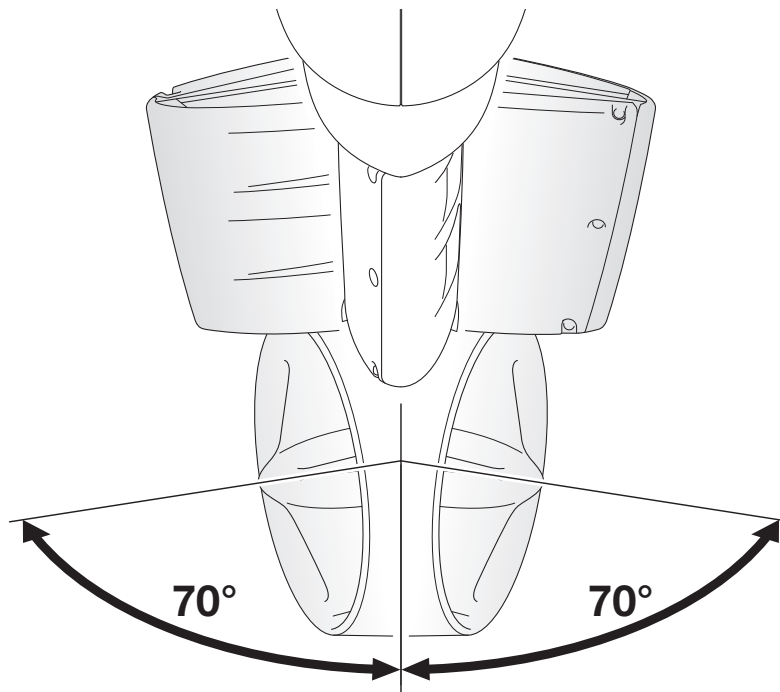


BATTERY TECHNOLOGY

Continuing a tradition of innovative technology, Yamaha incorporates a lithium-ion battery solution* for Yamaha's HARMO Electric Outboard. For boater convenience, HARMO single and twin outboards have the option of using lithium-ion 48-volt batteries or Yamaha-approved traditional 12-volt batteries**. HARMO applications also benefit from added assurance with the Stage of Charge (SoC) battery status right on the gauge, allowing boaters to plan time on the water with confidence.

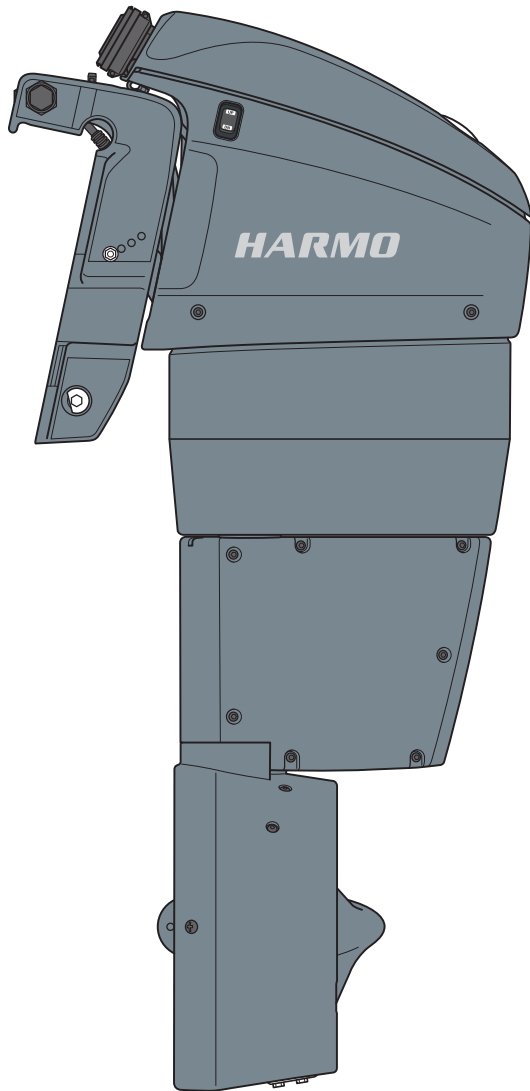
RESPONSIVE MANEUVERING

HARMO's powerful rim-drive technology and mid-section Digital Electric Steering (DEC) generate immediate response to boater controls and vigorous thrust— perfect for smooth maneuvering around the docks or slinking over a favorite fishing hole.



*Lithium-ion batteries and integrated charging system for Yamaha's HARMO Electric Outboard Motors are made exclusively for Yamaha's HARMO Electric Outboard Motor. Lithium ion batteries are not approved for use on any Yamaha outboard other than the HARMO Electric Outboard Motor.

**Yamaha Internal Combustion Engines (ICE's) require one 12-volt regular lead acid, gel cell, or AGM batteries and are the only batteries approved for use with the charging systems on Yamaha ICE's.



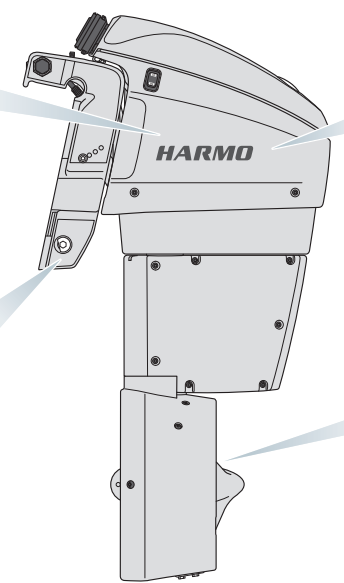
MOUNTING THE HARMO ELECTRIC OUTBOARD




Boaters benefit from the practicality of a standard, conventional mounting bracket, and low-profile rigging tube, designed to ensure ease of mounting on a variety of transoms and pontoons.



Yamaha's newest addition to the HARMO product line is the perfect match for a wide variety of boaters looking for peaceful cruising and stealthy angling. Expected availability of the new products is early 2025.




| HARMO 2.0 ELECTRIC OUTBOARD | | | |
|------------------------------------|-------|--------------|-------------------|
| Model Number | Color | Shaft Length | Availability |
| H3.1XSPB | Gray | 25" | Early Spring 2025 |





FEATURES




-  MCU control system
-  Variable motor RPM control
-  Digital Electric Steering (DES)

-  Large steering angle
-  Bracket mounting


-  2 factory colors
-  Smart & Elegance design
-  High robustness

-  Direct rim-drive
-  Silent drive sound
-  Extremely low vibration and low noise
-  Powerful thrust at low speeds



Ideal Anti-Corrosion

-  Self-sacrificing anodes




Serviceability

-  Easy serviceability




Warning & Protection

-  Yamaha Diagnostic System (YDIS)
-  Fail-safe system

Environmentally Friendly

-  Zero water pollution
-  Zero exhaust gas odor
-  Low power consumption

Rigging Accessories

-  Digital Electronic Control (DEC)
-  Helm Master™ EX compatibility
-  Only joystick operation

This document contains many of the valuable trademarks and service marks owned and used by Yamaha throughout the world. The document may also contain references to other company, brand and product names that may be the trademarks/service marks of their respective owners. These company, brand and product names are used herein for identification purposes only, and references to any names, marks, products or services of third parties do not constitute or imply endorsement, sponsorship or recommendation of the third party or the products or services. Information and data contained herein is approximate and subject to many different factors and variables, including but not limited to atmosphere, water, equipment conditions, and operator ability. It is provided as a guideline only and should not be relied upon as a representative of actual performance. Due to Yamaha's ongoing commitment to product improvement, we reserve the right to change without notice, equipment, availability, specifications, and prices. In the event demand exceeds supply, Yamaha within its sole discretion will fill orders based on an allocation method that provides for a fair distribution of products. Also, due to various factors, including the boat's actual weight and wind and water conditions, the product's performance may be different than the information contained herein. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase.

REMEMBER to always observe all applicable boating laws. Never drink and drive. Dress properly with a USCG-approved personal floatation device and protective gear. Boat smart from the start. Take a boating safety course and get a free vessel safety check annually for your boat. For more information, contact: United States Coast Guard Auxiliary online at www.cgaux.org, or United States Power Squadrons at 888-for-usps or www.usps.org.

© 2025 Yamaha Motor Corporation, U.S.A. All rights reserved.