



MERCURY®
AVATOR™ 7.5e

ELECTRIC OUTBOARD





AVATOR 7.5e ELECTRIC OUTBOARD

The Mercury® Avator™ 7.5e electric outboard delivers clean, quiet power in a portable package that's as simple to use as it is fun to drive. Quick-connect batteries and intuitive controls make setup and operation a breeze. And with advanced displays and other technologies that monitor your battery level and range, you can explore the water with confidence. Just grab the controls and point the bow toward adventure. Avator makes getting there effortless.



OUR NEXT STEP FORWARD IN MARINE INNOVATION

Innovation is our legacy.
Sustainability is our commitment.
Across all our product lines,
we're working to redefine marine
propulsion in ways that leave a
positive impact on the environment.
Electrification is one more step in
our journey.



Zero Direct Emissions

Avator outboards
transform the boating
experience by making boating
possible with no exhaust fumes and
zero direct emissions.



Managing Our Impact

Each Avator outboard
is crafted with many components
that are recyclable or reusable. So
you can have fun today knowing
you're making a positive impact
for tomorrow.



Exceptionally Smooth and Quiet

Experience boating how it
should be – calm, quiet and smooth.
It's outboard technology that leaves
you fully immersed in the natural
world around you.

AVATOR MAKES EXPLORING EFFORTLESS

With an Avator outboard, you can be ready for the water, no matter where adventure takes you.

Easy Storage and Transport

With no fuel and no fumes, the outboard is convenient to store at home or on a larger boat.

Ratcheting Quick-Tilt

One-handed tilt adjustments make dialing in performance easy.

Quick-Connect Mount

The drive snaps into place on the transom bracket.



INTUITIVE DIGITAL CONTROLS

The Avator 7.5e electric outboard is available in a tiller configuration or with advanced Digital Power & Shift remote controls for compatibility with a wide range of small vessels.

Integrated Safety Features

- Motor Cutoff Safety Lanyard *(all models)*
- Key Switch *(remote controls only)*
- Neutral Lock *(remote controls only)*

Advanced Tiller

The adjustable, ambidextrous tiller was designed to let anyone take the helm with confidence. It even folds down to become a convenient carrying handle.

- Toolless adjustments for comfortable steering
- Four vertical and three lateral positions
- Reversible “Forward-Reverse” grip

REMOTE POWER CONTROLS



Three options ensure you'll have control within easy reach.

- Console Mount – Top
For center-console mounting

- Panel Mount – Traditional
For side-console mounting

- Panel Mount – Reversed
For side-mounting on a center-console helm

ADVANCED DIGITAL DISPLAYS

Monitor and control your Avator propulsion system from a vivid full-color display, optimized for readability in all light conditions. Your display shares speed, battery level, time and distance to “empty,” power output, and alerts. Everything you need to know to get the most from any journey.



Integrated Outboard Display for Tiller Models

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Pedestal-Style Console Display (shown)

Also Available in Flush-Mount Console Display





CLEAN, QUIET POWER THAT MOVES YOU

Industry-first transverse flux motor technology delivers reliable, quiet power to get you where you're going. The motor generates high torque with little effort, maximizing battery life and range while contributing to faster 0-4 mph acceleration and greater system efficiency than similar competitive electric outboards. The Avator 7.5e outboard produces 750W of power at the prop shaft, while capable of speed and acceleration similar to that of a 3.5hp four-stroke combustion outboard.

HIGH-EFFICIENCY PROP

The hydrodynamic lower unit and durable, efficient three-blade prop were made to move. They effortlessly carve through the water, maximizing runtime for maximum fun.

MORE FUN ON THE WATER

THROTTLE 100%		MAX RUNTIME 1 Hour	MAX RANGE 5 Miles
THROTTLE 75%		MAX RUNTIME 2.8 Hours	MAX RANGE 10 Miles
THROTTLE 50%		MAX RUNTIME 6.2 Hours	MAX RANGE 16 Miles
THROTTLE 25%		MAX RUNTIME 19.4 Hours	MAX RANGE 34 Miles

These figures are based on Mercury internal testing using a 13-foot Veer™ X13 boat (382-pound dry weight). Data derived from continuous use testing at designated throttle level on one full battery charge. Range and runtime may vary. Environmental conditions, boat type and load can influence performance.

ADVANCED LITHIUM-ION

BATTERY TECHNOLOGY

Drop it in, close and go. The Avator 1kWh lithium-ion battery has no cables to connect. It slides right into place under the flip-up top cowl. Need to go even farther? No problem. The battery is easily interchangeable. You can bring along an available spare that swaps into place in seconds to keep you underway.



SMART-CHARGING SYSTEMS

The Avator 7.5e outboard comes with a 110W charger. You can also opt for a higher-speed charger so you can choose the charge time that meets your needs.

Safe – Chargers constantly monitor voltage and current to deliver a safe, effective charge.

Smart – LED indicators let you track charging progress.

Convenient – Charge using a standard household outlet.



GET OUTFITTED FOR ANY ADVENTURE

ACCESSORIES

Whether you're a backcountry boater or powering a tender for a larger vessel, our Avator accessories help protect your outboard and make days on the water easier. They include a custom-fit outboard carrying bag, battery carrying bag, davit lifting harness, transom lock and outboard cowl cover.

MERCURY MARINE APP

By adding a SmartCraft® Connect module to your outboard, you can unlock all the features of the available Mercury Marine app, including visualized range estimates on a GPS map, tutorials, digital gauges, full-text alerts, the ability to share data with a preferred dealer and much more.



AVATOR™ SPECIFICATIONS



MODEL	7.5e
Input Power	916W
Rated Prop Shaft Power	750W
Rated Voltage	48V
Battery	Integrated 1kWh
Battery Type	Lithium ion
Battery IP Rating	IP67
Charger (Standard)	110W
*Total Weight (Excluding Battery & Transom Bracket)	37lbs (16.7kg)
*Total Weight (Excluding Battery)	43lbs (19.5kg)
Battery Weight (1kWh)	17lbs (7.7kg)
Steering	Tiller or remote
Standard Propeller	12.7 in x 7 pitch
Shaft Length	15 in (381mm) 20 in (508mm) 25 in (635mm)

Outboard	Batteries & Chargers

*Weight: Lightest tiller handle model, includes propeller.

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