

for more info visit www.remigo.eu



REMIGO®
electric outboards



E-outboard, designed to challenge the usual pain points of comparable electric or gasoline outboards: weight, cable corrosion, handling, oil leaks, reliability and durability.

Simple, honest, frustration free boating experience for anyone - even people with no nautical know-how.



Introducing Remigo, world's first fully integrated electric outboard.

ALUMINIUM CASING
extended durability and safety

LIGHTWEIGHT
weighing only 14.5 kg

CORROSION PROTECTED
fits to freshwater and seawater

WATERTIGHT
IP67 for parts above water, IP69 for parts below

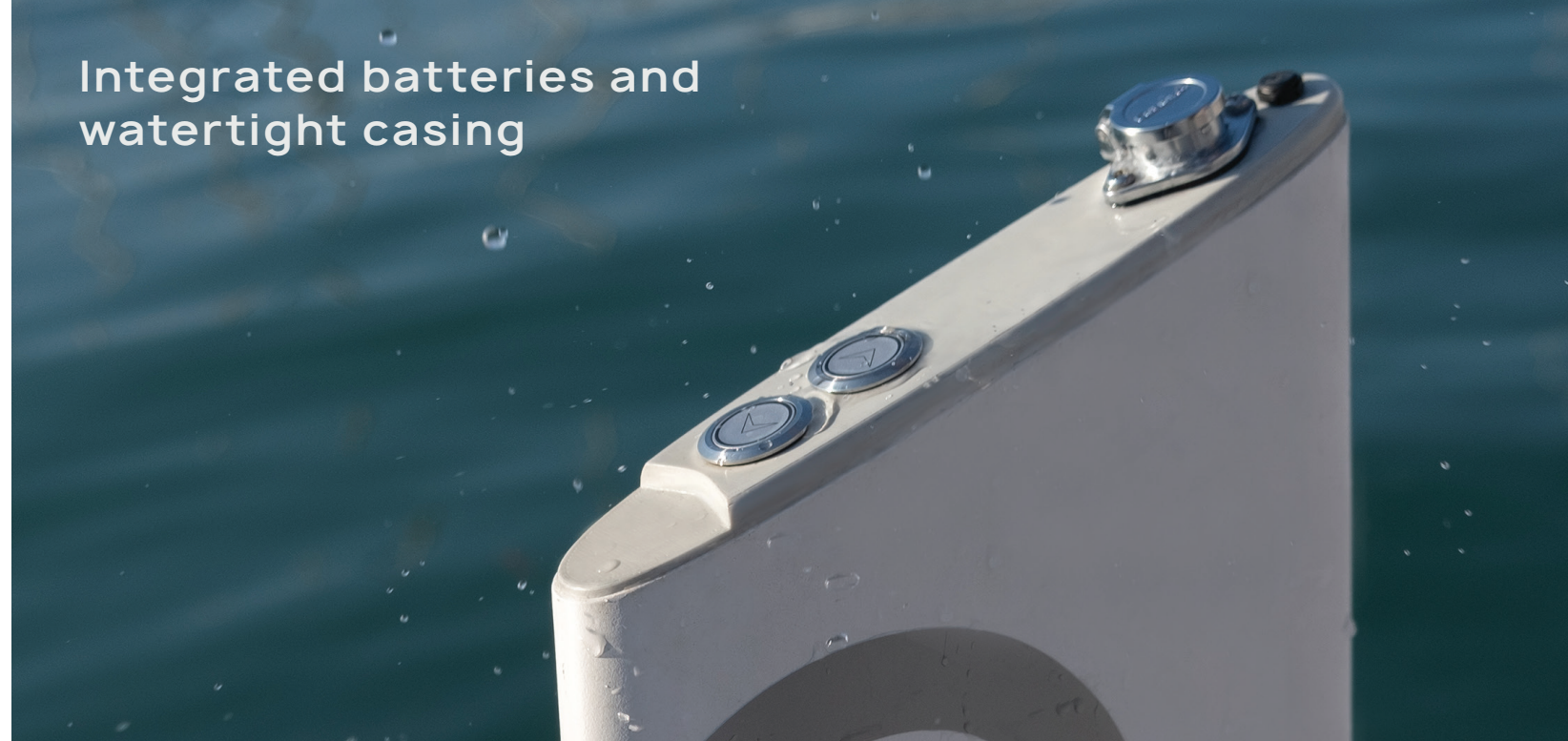
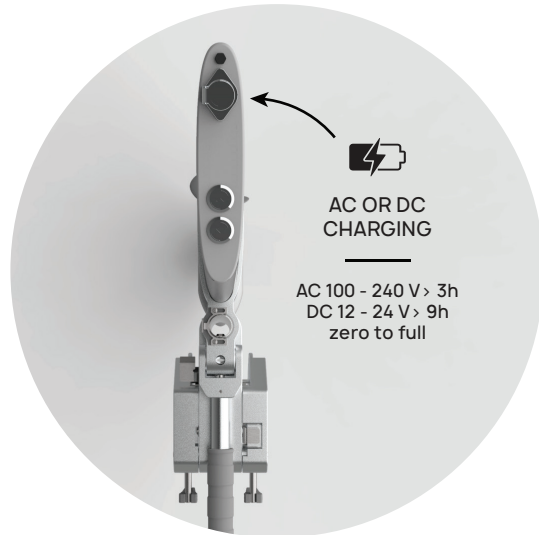
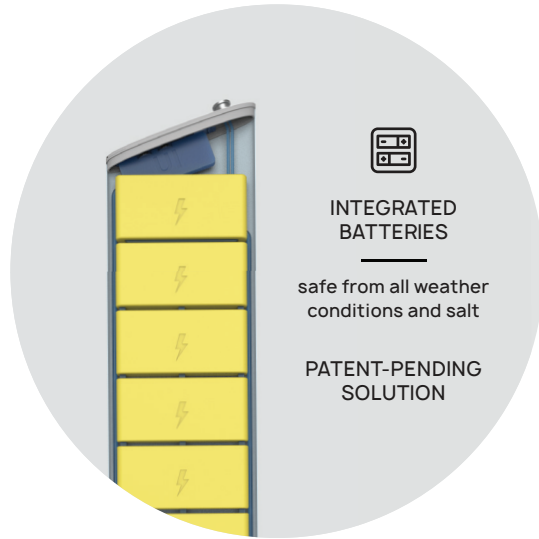
interface as an intuitive 2-button control module with 10-step forward/backward logic

2-part bracket for mounting on boat. Mounting part stays on boat, while you can take motor off for charging

aluminium casing with integrated 1085 Wh Li-Ion battery and smart battery management module

highly efficient 1000 W electric brushless DC motor, comparable to 3 HP (with 30 kg of thrust)

Integrated batteries and watertight casing



Integrated 1085 Wh battery is fully protected from all weather conditions and contains enough juice to get you more than 14 miles of range at a 3 mph cruising speed on a tender boat.

Come rain or shine, Remigo won't mind - waterproof, resilient, withstanding temperatures between -20°C to 50°C .

In order to recharge Remigo, you can plug it into any AC wall socket with included AC charger and top it up in 6 hours.

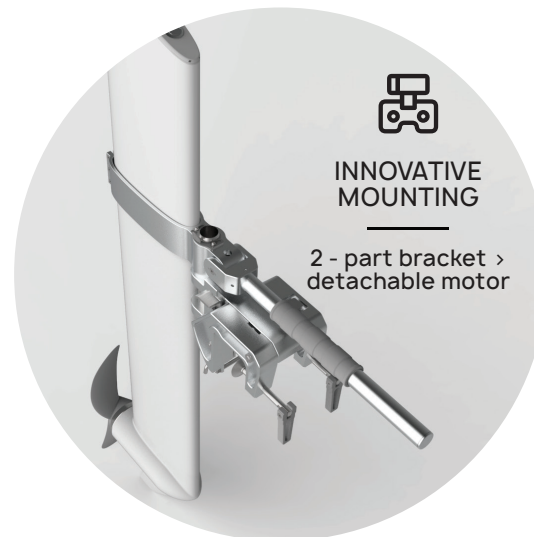
Alternatively any low voltage (12-24V) DC source like solar panels or an on-board generator can also be used with the DC charger, which is included as well. It allows you to recharge the battery in 9 hours without ever removing Remigo from your boat. Just make sure the temperature is above 0°C while charging to keep the battery healthy.



Improved handling



We've put a lot of thinking in how to improve handling. Since we had a strong focus in bringing our future product closer to users with less or no nautical experience, we wanted to make it easily understandable with no manuals needed. While designing mounting bracket we found potential for combining handle's functions in various stages of use. With simple 'shotgun' movement, as we like to call it, user can transform driving handle (horizontal position) into a carrying handle (down vertical). Upper vertical position is used while mounting motor on bracket and for tilting.



INNOVATIVE MOUNTING

2 - part bracket > detachable motor



IMPROVED HANDLING

simplified interaction and use

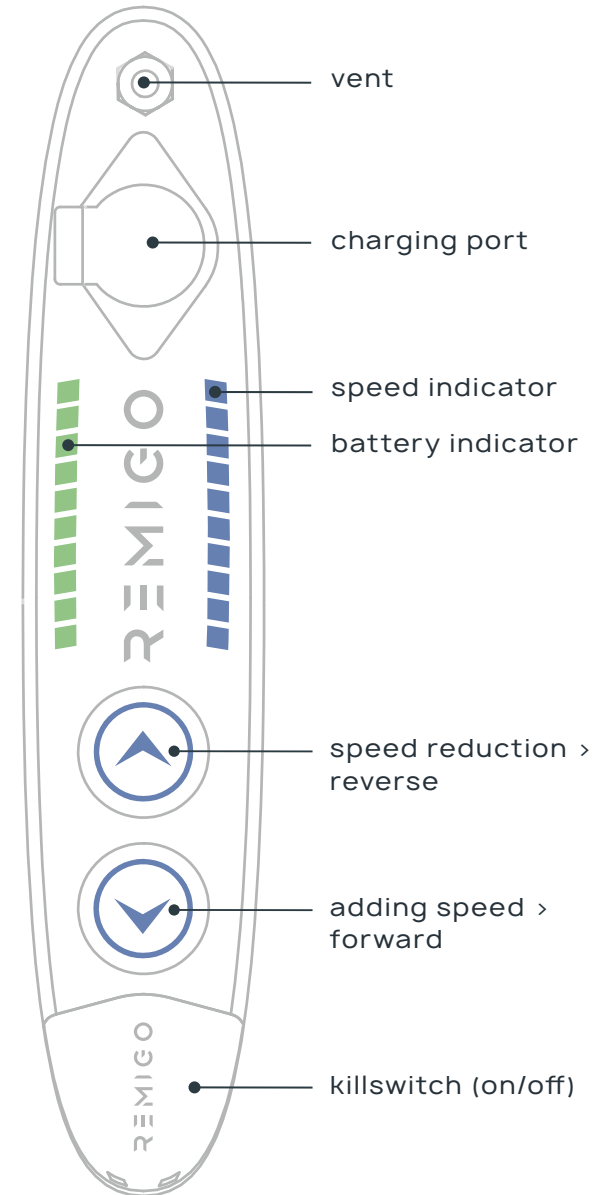


Simplified interaction

When designing interaction with Remigo's interface, we wanted to get rid of all unnecessary information and doubled functions.

Magnetic killswitch at the bottom of interface is used as a key, on/off button and emergency switch. You simply attach killswitch cord around your driving hand's wrist for safety and interact with Remigo only with two buttons.

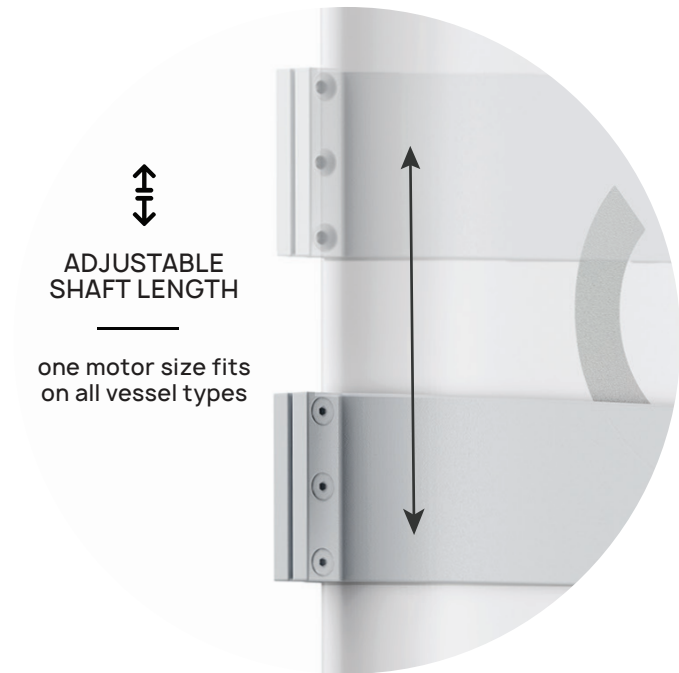
Buttons are marking your desired way of moving. Button down means adding speed in forward direction, while upper one means downspeeding. Continuous pressing of upper button after reaching neutral will result in switching to reverse direction. We added quick action control for safety: pressing both buttons at the same time will shut down the motor also at high speed.





Stepless shaft length adjustment

Remigo was designed to efficiently propel any vessel weighing up to 1500 kg; tenders (soft or rigid keel), sailboats (J/70, Seascope, Meteor, Este24, ...), fishing boats etc. Stepless shaft length adjustment allows user to find precise position for best motor performance anywhere between 15 and 30 inch of height - by simply untightening 3 screws. When using it on a sailboat, user has an option of locking Remigo in neutral position and using primary rudder for steering.



Technical data and performance

input power in watts	1000
motor type	brushless DC
comparable petrol outboard (thrust)	3 HP
static thrust in kg	30
battery	integrated 1085 Wh Li-Ion
nominal voltage	36 V
final charging voltage	42 V
charging time 230 V	6h
charging time 12 - 32V	9h
total weight in kg (bracket included)	14.5
shaft length	stepless adjustment up to 800 mm
maximum propeller speed in rpm	1000
control	smart 2-button control
steering	lockable
tilting	manual with grounding protection
trim	manual, 4 positions
forward/reverse	yes
dimensions h x w x d	1250 mm x 295 mm x 90 mm



And you wonder how Remigo performs? These are the results when using it on our test dinghy (on upper picture):

	speed in knots (km/h)	range in nm (km)
eco	2.0 (3.7)	30.0 (55.0)
cruise	3.0 (5.5)	14.0 (25.6)
full speed	5.0 (9.2)	4.9 (9.1)

*performance data is based on a dinghy with two persons aboard, on calm sea. The actual speed, range and running time may vary because of different boats, load, weather conditions, etc