

# Components



## eSea®

- 1x Propeller (consists of two blocks)
- 1x 9Ah Ion-Li Battery Module- 1x Engine (800W)
- 1x Standard charger 220V/3A
- 1x Allen Key 2,5mm
- 1x Replacement screws
- 1x Remote controller with standard GoPro type plug and 2x AAA bateries
- 1x General use manual
- 1x Fin adapter (chosen by customers)

## eSea® PRO

- 1x Propeller (consists of two blocks)
- 1x 12Ah Ion-Li Battery Module
- 1x Engine (1.300W)
- 1x Standard charger 220V/3A
- 1x Allen Key 2,5mm
- 1x Replacement screws
- 1x Remote controller with standard GoPro type plug and 2x AAA bateries
- 1x General use manual
- 1x Transport Bag
- 1x Fin adapter (chosen by customers)
- APP: Access and performance control MODULE CONTROL: Available. Possibility of parameterizing the operation according to the sport and linking more controls to a thruster or several thrusters to a command.



Remote controller



Charger



Propeller



Allen key 2,5 mm + Set of screws

# Connection and ignition

Your eSea® is activated by remote control exclusively using its corresponding remote controller. Each controller has a specific code. In case of loss or damage, you will always have a spare guaranteed.

## Batteries

The eSea® case comes with the batteries integrated. They are not visible and cannot be modified. The battery life will depend on the power level you use it with and the water conditions - between half an hour and two hours of continuous use.

The propulsion system consists of 2 blocks:

- Front: containing the batteries.
- Rear: containing the motor, nozzle, propeller, and electronics. It has a water inlet grid.

### Battery charging

Always use the charger provided in the eSea® pack.

Never charge the battery after using your eSea® continuously. We recommend that you wait an hour before recharging. This way, the battery will have a long-lasting life span of up to 1,000 cycles of use.

The battery has a charge indicator in the form of LED lights. When pressed, it will show you the level of charge (20% - 40% - 60% - 80% - 100%).

The charger displays a green light if the battery is already charged or a red light if the charge is still in process.

# Adapters and use

**eSea® provides the most used fin adapters on the market: use it in different watercraft.**

**eSea® is versatile. You can use it in:**

Rowing sports (SUP or Kayak): a additional assistance while rowing.

- Dinghy sail: push for departure and in port.
- Kitesurf or Windsurf: it can help you to return to land.
- Dinghy: in short drives, you can use it without the need for the combustion engine.
- Accessory for swimming and shallow diving (apnea).

Because of its design, if you have it installed on your boat and you decide not to activate it, it allows you to continue with your sport in the usual way.



Adapter Fin  
US fin Box



Adapter Fin  
Surf



Adapter Fin  
Kayak



Adapter  
Decathlon



Adapter  
JOBE



Adapter  
snorkel

# Remote controller

The remote controller comes with your eSea® package. This controller can only be used with your propeller and is the device that allows you to control the power delivered by the engine. It has four buttons: three correspond to the different power levels and one to stop.



## Buttons

### 1. ASSISTANCE LEVEL 1.

- This is the level that provides the best autonomy and assists you in your paddling.
- Saves battery power (2 hours approx.).
- For your safety and battery optimization, this gear is programmed for a 6 minutes use. It is possible to turn it on again at any time.
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### 2. ASSISTANCE LEVEL 2.

- Allows increasing the speed with higher thrust.
- Average battery consumption (1 hour approx.).
- For your safety and battery optimization, this gear is programmed for a 4 minutes use. It is possible to turn it on again at any time

### 3. H.SPEED.

- Corresponds to the third gear.
- It gives the maximum thrust and speed.
- High consumption of batteries (30 min approx).
- It allows us to overcome more demanding situations, such as currents or wind.
- For your safety and battery optimization, this gear is programmed for a 15 seconds use. Once elapsed, it will go to assist speed TWO automatically. You can press the HIGHSPEED button again at any time up to a maximum of 4 times.

### 4. POWER/STOP.

Stops the engine and is useful to stay in waiting position. **Off timer: For your safety, your eSea® has a timer that stops the engine automatically if six minutes run with the buttons unpressed in ECO MODE or four minutes in CRUISE and HIGH SPEED.**

Control electronics will automatically limit the engine power in the highest gears if they detect a rise in engine temperature due to the intense use of HIGH SPEED. Power remains limited until the temperature returns to normal parameters.

In case it is necessary to change the batteries of the remote control when pressing the button the LED light will blink red.

**Important:** speed may be reduced when the electronic control system detects low battery life

