

# Faqs



## 1. What is the guarantee of my eSea®?

If you have any problem with your eSea® propulsion system, please contact us through our website to help you or through the official distributor where you made your purchase. This way we will try to solve your problem as soon as possible. Please check carefully the warranty section of the manual, where you will find more information.

## 2. I'm having trouble assembling the two blocks of my eSea® correctly. What should I do?

If you follow the installation instructions in the manual, there should not be any problem. You should always install the eSea® in a vertical position, on a flat surface where it will support the base of the nozzle (where the propeller is), and gently press down the other block (the one with the battery inside) following the pattern of the two connectors.

Then fit the safety flaps and screws that are part of the eSea® kit. Once connected, you will hear some sounds (beep) that will indicate that the connection has been successful. You should never force the process of fitting both blocks or their flaps and screws afterward.

Always check that the thruster is correctly fitted. That way, it will be perfectly watertight, and you will prevent water or moisture from reaching both connectors. Remember to check the charge status of your battery before use and never turn on the eSea® out of water.

## 3. How fast can I get with eSea®?

Remember that the eSea® has the function of being an assistant to practice our favorite water sport. It is very complicated to determine the speed you will be able to experience with this aid.

There is a diversity of conditions and situations that do not allow us to answer this question precisely, such as the type of boat, the weight to be pushed, wind, possible currents, etc.

Your eSea® has three forward assistance speeds and a stop button.

We recommend using the first assistance gear as the cruising speed. This way, you will have more autonomy during your practice.

## 4. Can I connect several eSea® thrusters to my kayak, SUP, or other boats?

Yes, although if you want to get more speed, it will depend a lot on the type of boat you use, and the result may not be the expected one. Depending on the type of hull/float, length, or beam, you may not achieve a very relevant speed increase even if we incorporate a more powerful engine.

You should also take into account other factors such as wind conditions, currents, water conditions, etc.

In any case, it is feasible for both propellers to operate with a single control if requested in the order.

## 5. What kind of maintenance does the eSea® water propulsion system require?

Always rinse it with fresh water after each use without uncoupling the two thruster blocks (engine and battery) while performing this task.

The connectors and rubber seals must be clean and hydrated (with neutral Vaseline). Please, follow the instructions in the manual. You should never turn on the engine out of the water.

## 6. What type of battery does use, and when should I charge it?

The batteries used by eSea® are lithium-ion batteries.

Never charge the battery after using your eSea® continuously. We recommend that you wait one hour before recharging. It will allow you to enjoy a long-life battery for up to 1,000 use cycles.

During the process of charging your battery, you can check that the charger shows a green light if the battery is already charged or a red light if it is still charging.

### 7. How do I know the battery charge level?

Out of the water, you can check the charge level of the battery by pressing the button on the front of your battery block.

The charge indicator will show you with a red LED light which level of charge it has (20% - 40% - 60% - 80% - 100%).

### 8. What autonomy of use has eSea®?

The autonomy of use with the complete charge of the battery will be approximately one hour and a half if you use the first assistance gear. This time may vary as it depends on different elements and the use of the other assistance gears.

For your safety while you are using your eSea®, we have designed some timers to stop the engine.

You can find more information in the user's manual.

If due to intensive use of the third speed or HIGH SPEED, the control electronics detect a rise in engine temperature, they will automatically limit the engine power in the highest gears until the engine temperature returns to normal parameters.

### 9. How do I attach an eSea® to my boat?

eSea® allows you to couple it to the different fin systems in the market through its adapters. In addition to having a universal adapter. You can find more information in the manual.

It is important to know which system your boat uses and to request in your order the adapter you need.

### 10. Can I cut or not use the safety cable that comes integrated into the thruster?

No. The safety cable has two main functions.

It assures that your propeller stays close to your boat in case of a collision with an unexpected element.

On the other hand, and very importantly, the cable also serves to ensure you

proper connectivity with your remote control and, therefore, the command of your navigation.

### 11. What should I do if the propeller becomes clogged or breaks?

eSea® has a grid to prevent floating objects from entering and clogging the propeller. However, it is impossible to completely prevent it. So, it is advisable to check before and after use if there are any objects stuck.

In case of obstruction or breakage of the propeller, you must follow the instructions in the manual. You will see that it is not complicated at all.

Using the thruster with a damaged propeller can permanently damage other components of the thruster and even the thruster itself.

### 12. Can I leave my eSea® in the water all the time?

No. Once you have finished using it, you should always take the engine out of the water and follow the cleaning and maintenance guidelines in the manual. It will extend the life of your eSea®.

### 13. How should I store my eSea® when it is not in use?

We recommend that you always keep your eSea® with its two blocks uncoupled. In case it has to remain unused for a long time, follow the maintenance and cleaning guidelines in the manual.

Also, check that the battery charge status is not below 30%. It will extend the life of your battery.

### 14. Can I travel with my eSea®?

Always check with your airline before you travel. The regulations depend on the country of origin/destination and the policy of each airline.

### 15. Where can I find help and installation guides?

All installation guides are available at [www.electric-sea.com](http://www.electric-sea.com).

You can also access through the QR code that you will find inside the purchase package of your eSea®. Besides, there are videos available on our Video Channel.