



Assembly Guide

Safety and Disclaimer

All information within this guide is subject to change at the discretion of SiFly. For the latest product details and our complete USER MANUAL visit our website www.sifly.global.

1. Warning

Misuse of this product or failure to follow all safety guidelines may result in serious injury or death as well as damage to your SiFly eFoil or property. By using this product, you assume all risks associated with its operation.

All SiFly products conform with the current safety standards and are especially designed to operate safely.

Nevertheless, always wear an impact vest and helmet and ride far away from swimmers and other watercraft. Never ride further away from shore than you can swim back and always let somebody know of your plans.

We do not recommend SiFly products to be used by children under 16 years of age, subject to local laws and regulations. Adult supervision is recommended.

Do not use incompatible components or alter this product in any way different from the instructions and documents provided by SiFly.

Use of the SiFly eFoil by pregnant women is not permitted.

Never use the SiFly eFoil while under the influence of alcohol, medication or drugs.

Use the SiFly eFoil only if you are in complete physical and mental health.

It may be necessary to obtain a license to use a SiFly eFoil or register it in certain areas. Get informed about the local regulations and legislations in your region before using it.

1.2. Proper Use

Generally, the eFoil can be used in areas where the use of watercraft powered by combustion engines is not permitted. However, you should not ride wherever the use of watercraft or electric-powered watercraft is prohibited by local laws, community regulations, nature conservation laws or other provisions.

Before using the board, always inquire about the local regulations which may be in force in the area where you wish to ride. SiFly does not assume any responsibility for obtaining such information.

1.3. Riding Safely

Take your time to learn how to use the SiFly eFoil properly. We recommend learning to eFoil with an instructor or at an authorized eFoil school. If you don't have access to any of those, please, follow the steps in our How to eFoil video to ensure you learn the basics safely.

Always climb on the board from the side and make sure you keep your hands and feet away from the sharp edges of the wings.

Only attempt difficult maneuvers, such as high-speed turns, after you have mastered the basics of eFoiling. These basics include maintaining balance on the board,

controlling the throttle smoothly, understanding how to shift your weight to navigate, and being familiar with safety protocols.

Limit your speed so that you are in complete control of the SiFly eFoil at all times. Gradually increase the power while operating the craft so that you can familiarise yourself with the handling of the SiFly eFoil. It is important that you are in control of the board at all times.

The SiFly eFoil is not equipped with lights and, for this reason, is not suitable for riding at night.

Do not ride the craft after sunset or before sunrise.

Do not operate the SiFly eFoil in bad weather or impaired visibility. Never use the SiFly eFoil during a thunderstorm!

The SiFly eFoil should be used in sheltered waters such as bays, lakes, rivers and canals.

Make sure you are accompanied by others or under the constant supervision of another person who can provide immediate assistance in case of emergency. Arrange to have a boat accompany you if you wish to operate the craft more than 300 meters away from shore.

Do not ride in shallow waters with depth of less than 1 m, crowded areas, rocky banks and in extreme weather conditions. Be very careful of rocky bottoms, reefs and stones. Stay away from the immediate shore, and never attempt to steer the SiFly eFoil onto the beach, shore or onto land of any kind.

Stay away from aquatic plants and floating objects such as pieces of string, rope, plastic or wood to prevent the motor, propellor, wing and stabiliser from being damaged or their function inhibited.

Make sure that no sand, dirt, stones, rope or other foreign objects get into the propellor and duct. Never remove foreign objects from the propellor and/or propeller while the board is switched on.

Always supervise children to ensure that they do not attempt to reach into the propellor. The rotating propellor may cause serious injury!

1.4. SiFly PowerCell LR

The battery casing of the PowerCell is extremely durable. Always make sure that the connectors on both the battery and hydrofoil (or charger) side are dry and clean before connecting them. Blow off any sand or water drops, and use a plastic brush or cotton stick if necessary. If there is water or debris in the connectors of the battery, do not use it! Never open the battery casing. Never drop or puncture. Never burn the battery.

1.4.1. Charging

Always charge the SiFly PowerCell LR under supervision and follow the instructions contained in this User Manual.

Only use chargers supplied by SiFly. Third party chargers may not be compatible with your battery and could damage it.

Never use the charger if the connectors are damaged. Damaged connectors can include frayed or exposed wires, bent or broken pins, corrosion, or any visible cracks

or deformities in the plastic housing. Ensure that there is no dried salt, water or debris on the contacts of the connection port or connector. Salt deposits can inhibit the flow of electricity during charging and cause electrical contacts to overheat, resulting in irreparable damage to the contacts or even fires affecting the contacts or cable.

While charging, do not place any objects on the battery or charger to ensure that heat created during the charging process is dissipated properly. Ensure that air can circulate freely.

Carry out charging in a place in the shade that is dry, cool and well ventilated.

Caution! The charger and connector may get hot while charging. Let the charger and connectors cool down before you attempt to touch them.

Always disconnect the mains plug from the mains before you touch the charger or connector after charging.

1.4.2. Storage

Never expose the SiFly PowerCell LR to high temperatures (max. 60 °C / 140 °F) caused by external heat sources, direct sunlight or by storage inside a closed motor vehicle.

Store the SiFly PowerCell LR in a place that is cool, dry, well ventilated and frostproof, and ensure that it is protected from irreparable total discharge, which can occur when the battery is allowed to completely drain its charge.

Never store your battery for more than a week at state of charge less than 10%.

Never store the battery at temperatures below 0 °C / 32 °F. Failure to do so may damage the cells and reduce the battery life.

1.4.3. Transportation

Never transport a fully charged SiFly PowerCell LR by aircraft or over long distances. The battery should only be partially charged during transport (maximum 30% capacity).

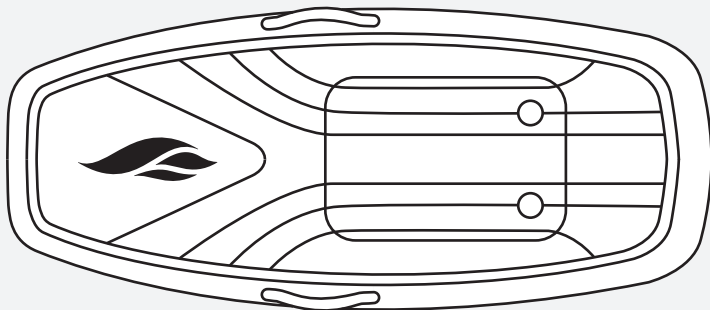
The PowerCell LR is UN 3480 certified and is considered a dangerous good. Always revert to a shipping specialist when transporting a SiFly battery. You will be required to present a Material Safety Data Sheet (MSDS) prior to transportation. For further information, please contact SiFly or your local distributor.

1.4.4. Disposal

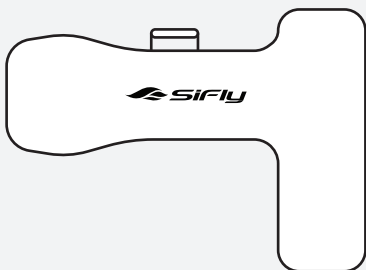
Never discard the battery or battery cells as household waste or into a fire or water. Used batteries (batteries which are damaged or no longer provide adequate power) are to be disposed of in accordance with statutory regulations in order to protect the environment and health. End users are obliged by law to return used batteries. Powercell LR batteries which are used up or damaged may be returned free of charge to SiFly for proper disposal and recycling or at other battery recycling sites.

COMPONENTS

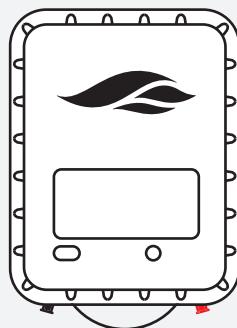
eFoil



Board



Hydrofoil Group



Powercell LR



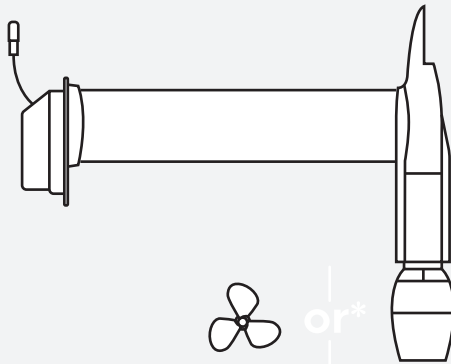
Front Wing



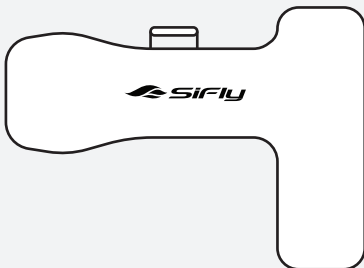
Stabiliser

COMPONENTS

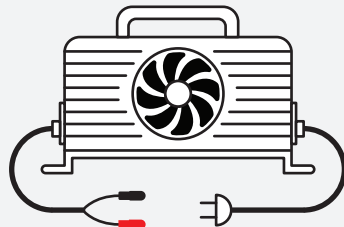
Hydrofoil Group



Hydrofoil Unit



Hydrofoil Case*



Smart Charger



RC Case

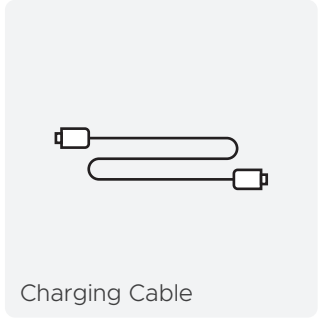
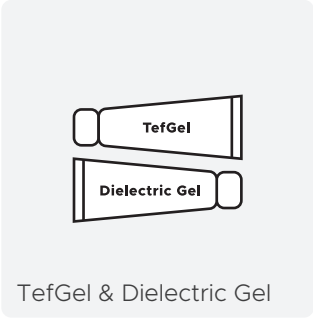
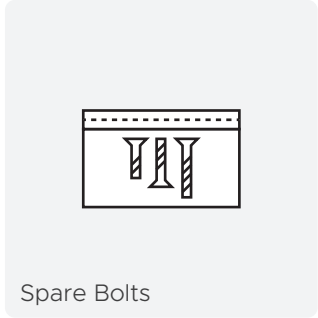
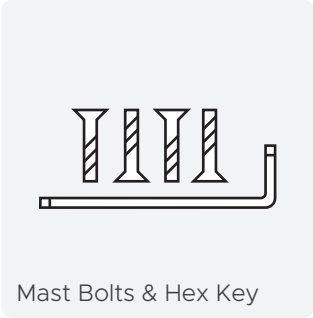
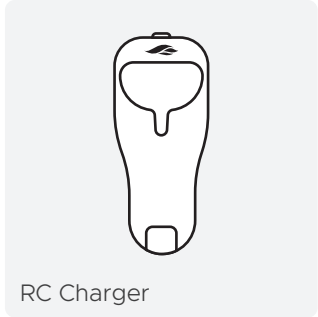
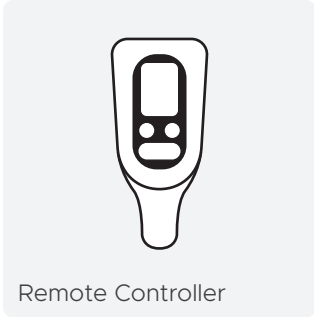
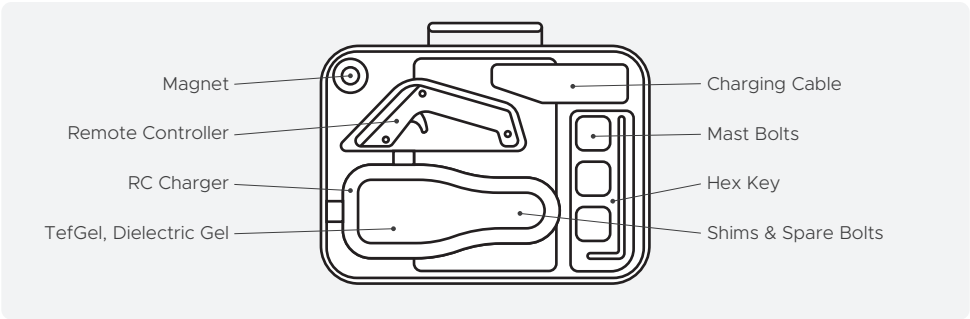


Rear Beam

*Depending on configuration.

COMPONENTS

RC Case



COMPONENTS

Fixings & Tools

1x M6x40



2x M6x35



Cruiser 1900

2x M6x35



2x M6x30



Cruiser 1300

1x M6x30



2x M6x25



Sport 700

1x M6x40



2x M6x35



Dual Ride 1000

2x M6x20



CR340 / CR300 / SP240

1x M6x25



1x M6x20



FRP340

1x M6x20



1x M6x16



FRP240

4x M6x25



Mast Foot

1x M6x70

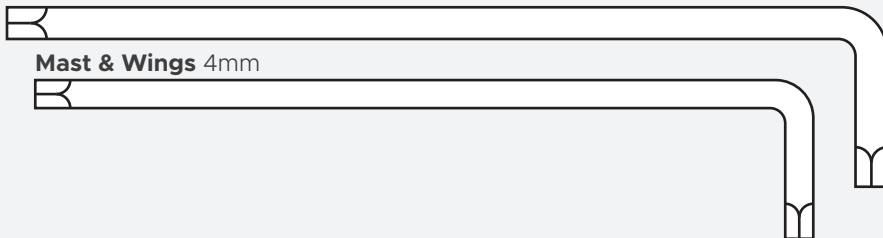


1x M6x16



Rear Beam

Rear Beam 5mm



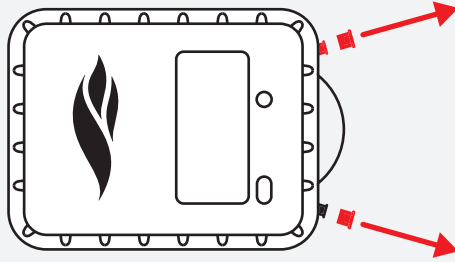
Mast & Wings 4mm



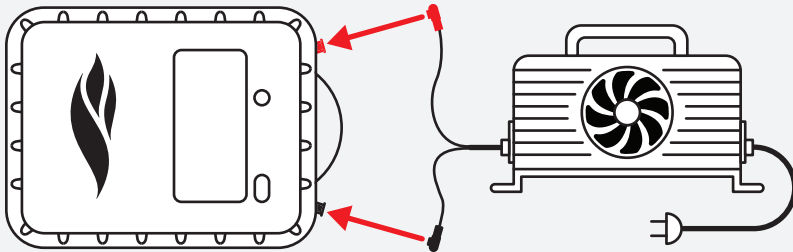
Hex Keys (Not true to size)

Charge Your Powercell

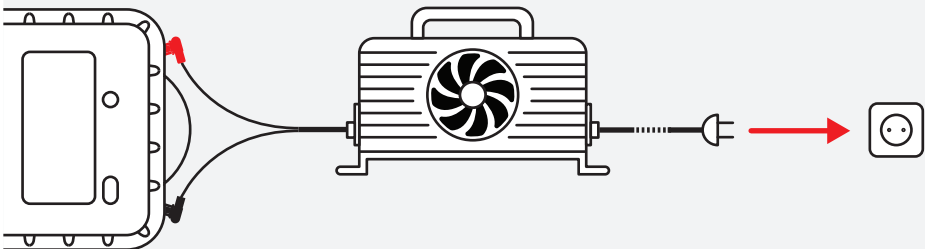
Steps 1-3



Remove the caps covering the battery connectors.



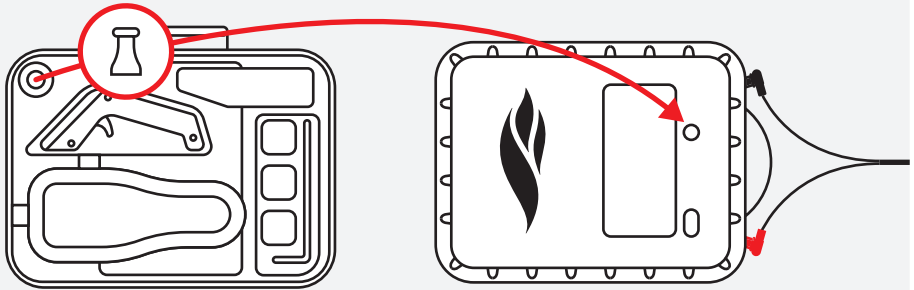
Attach the plug connectors onto the respective socket connectors, making sure the red plug is horizontally leveled with the battery.



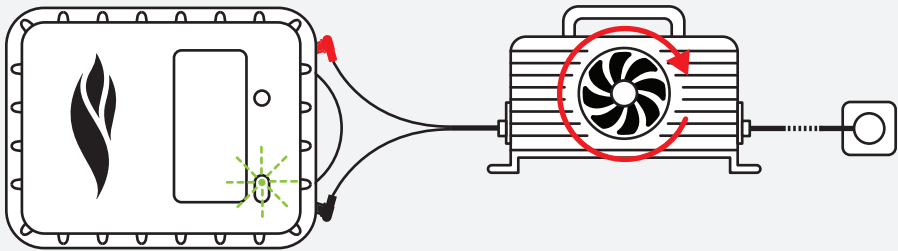
Plug the Smart Charger in an outlet.

Charge Your Powercell

Steps 4-5



Take the magnet out of the RC Case and place it on the battery.



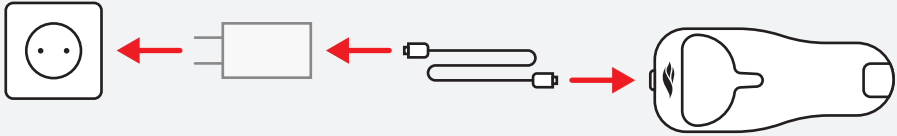
The LED will start blinking in green and the Smart Charger's fan will start to spin.

1 Blink	-	0-20%	-	●
2 Blinks	-	21-40%	-	● ●
3 Blinks	-	41-60%	-	● ● ●
4 Blinks	-	61-80%	-	● ● ● ●
5 Blinks	-	81-96%	-	● ● ● ● ●
Solid Green	-	100%	-	■■■■■■■■■■
Blue Blink	-	Charging	-	●

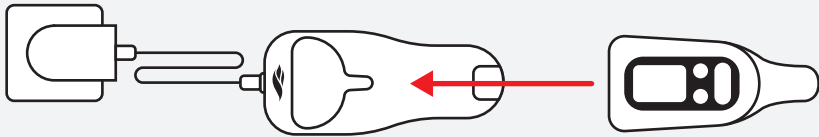
How to read the battery's blinking LED state-of-charge indicator.

Charge Your RC

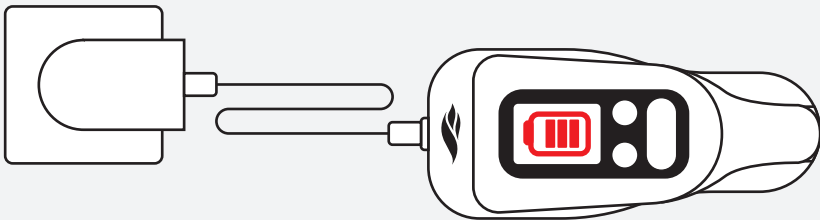
Steps 1-3



Connect the RC Charger and cable to a Type C brick, and plug them into an outlet.*



Place the Remote Controller onto the wireless RC charger.

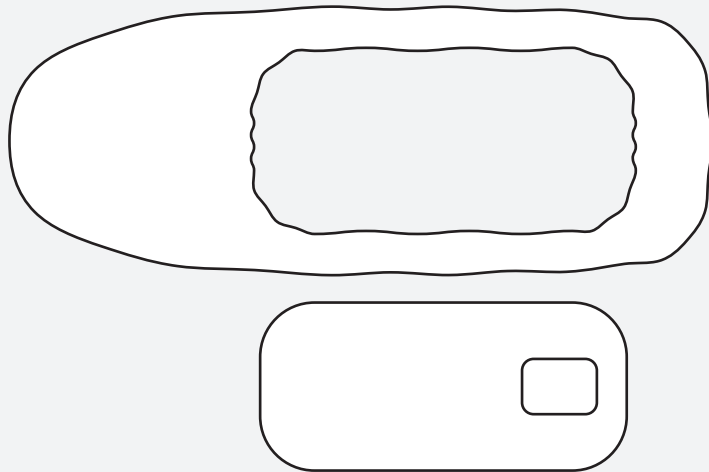


The RC turns on automatically and the state of charge is shown on the screen.

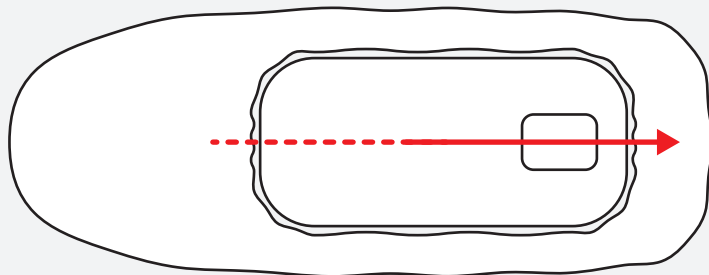
*Type C charging brick not included.

Assemble Your Board

Steps 1-2 (*SiFly Lite Only*)



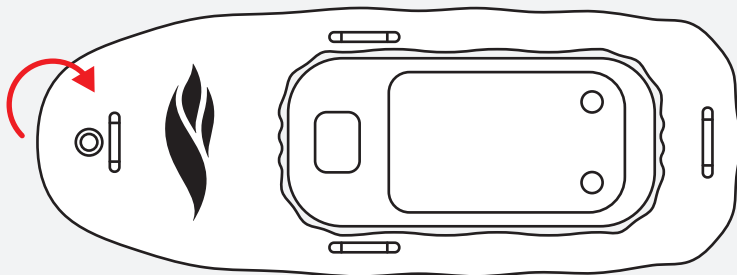
Place the Inflatable Unit and the Carbon Core upside down on a soft surface.



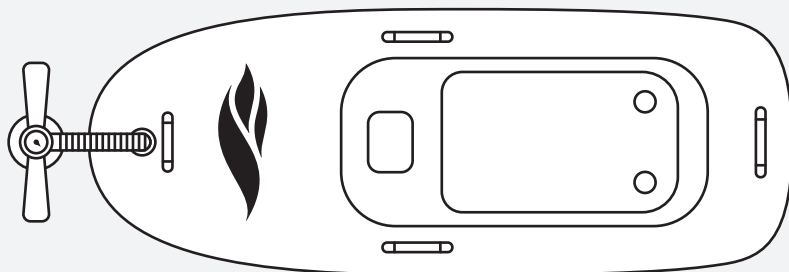
Carefully fit the Inflatable Unit around the Carbon Core starting from front to back.

Assemble Your Board

Steps 3-4 (*SiFly Lite Only*)



Turn the Inflatable Unit and Carbon Core right side up.



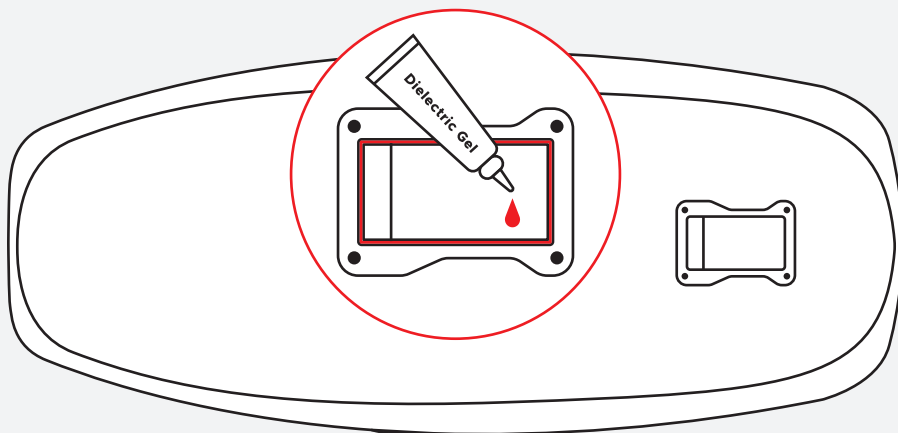
Connect the pump to the valve and pump the Inflatable Unit up to 15 PSI.

Assemble Your Board

Steps 5-6



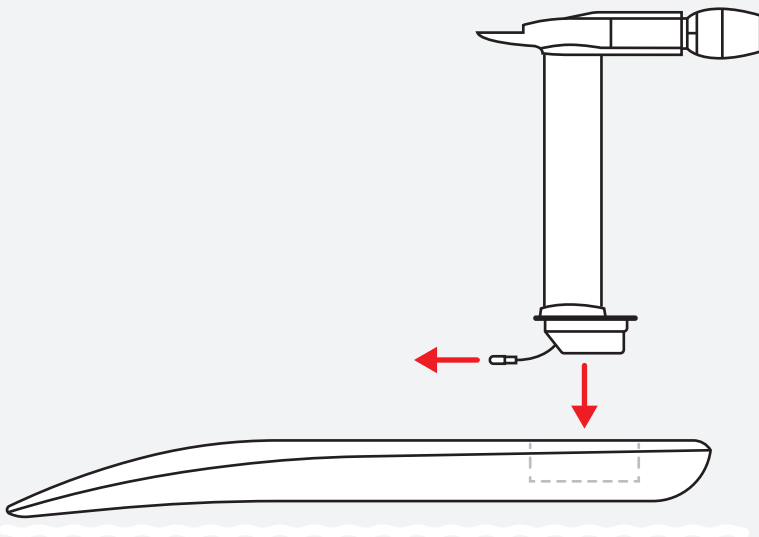
Lay the board upside down on its board bag or a soft surface.



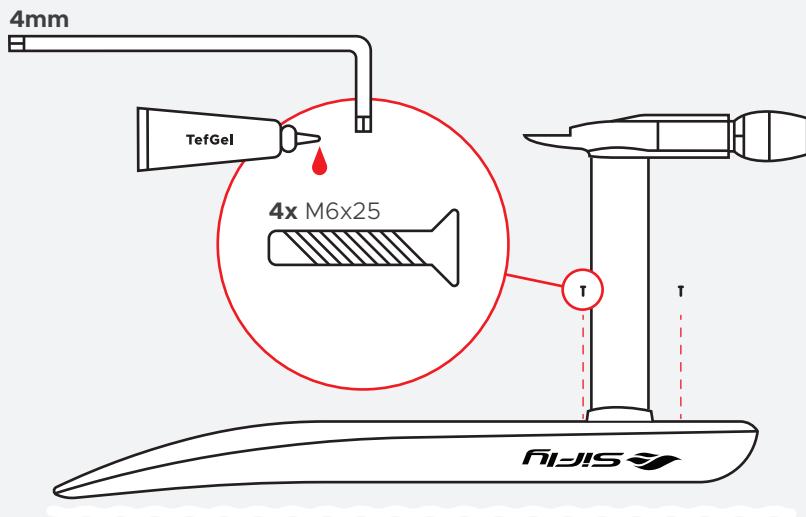
Make sure the surfaces and O-ring are clean of debris and lubricate the O-ring around the mast box with the provided dielectric gel.

Assemble Your Board

Steps 7-8



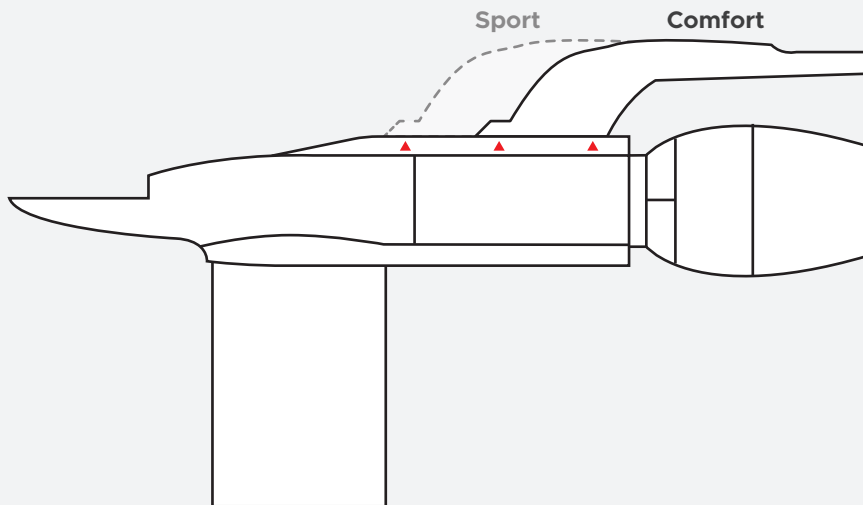
Place the Hydrofoil in the board, carefully feeding the connectors through the cable tunnel, ensuring that no cable is stuck and compressed in the process.



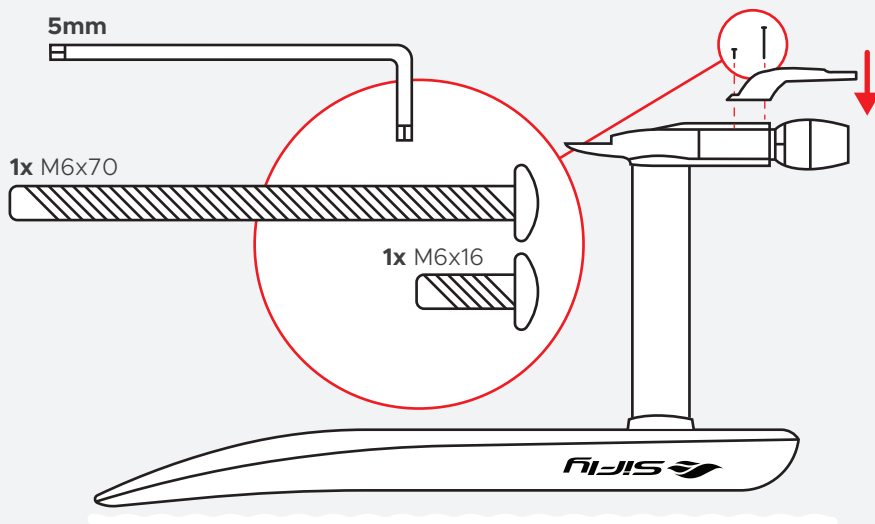
Lubricate and tighten the four mast plate screws with the TefGel and 4mm Hex Key provided in the RC Case.

Assemble Your Board

Steps 9-10



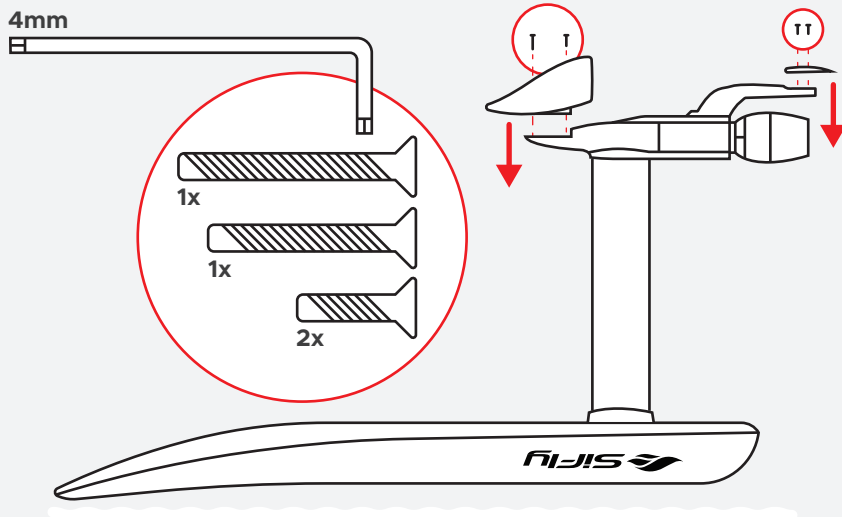
Place the Rear Beam on the Dynamic Rail in your preferred position.



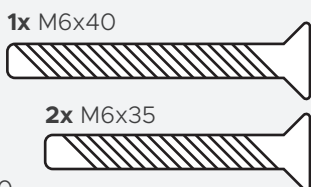
Tighten the Rear Beam screws with the 5mm Hex Key.

Assemble Your Board

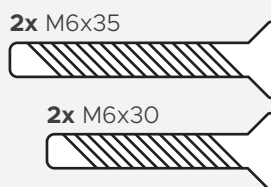
Step 11



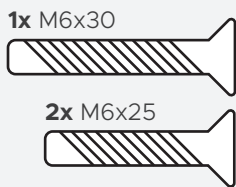
Place the wings and tighten the screws with the 4mm Hex Key from the RC Case. Depending on your wing of choice you will have different screw sizes available.



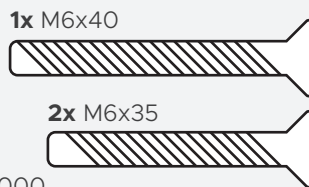
Cruiser 1900



Cruiser 1300



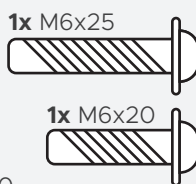
Sport 700



Dual Ride 1000



CR340 / CR300 / SP240



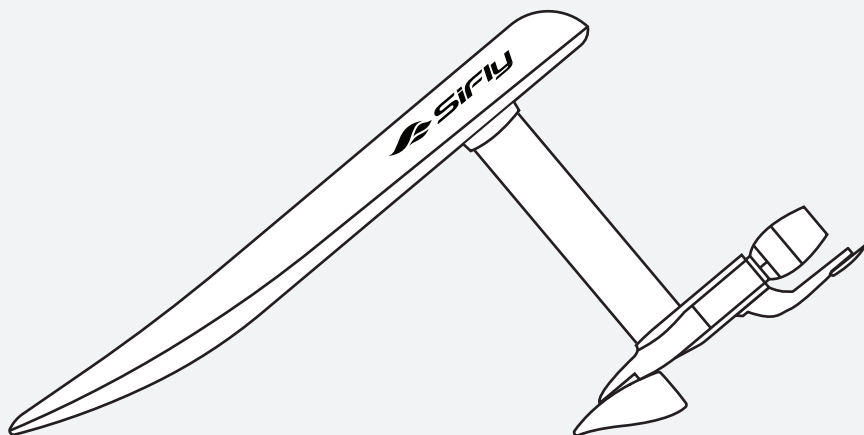
FRP340



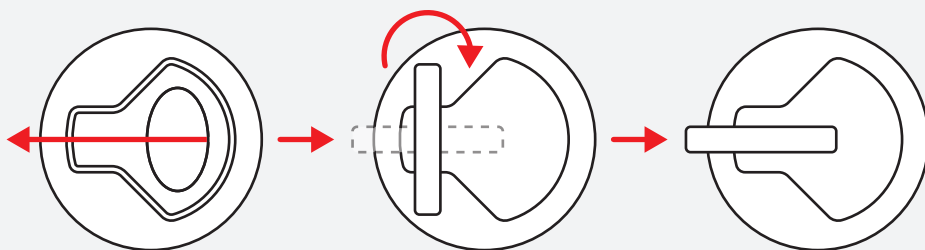
FRP240

Assemble Your Board

Steps 12-13



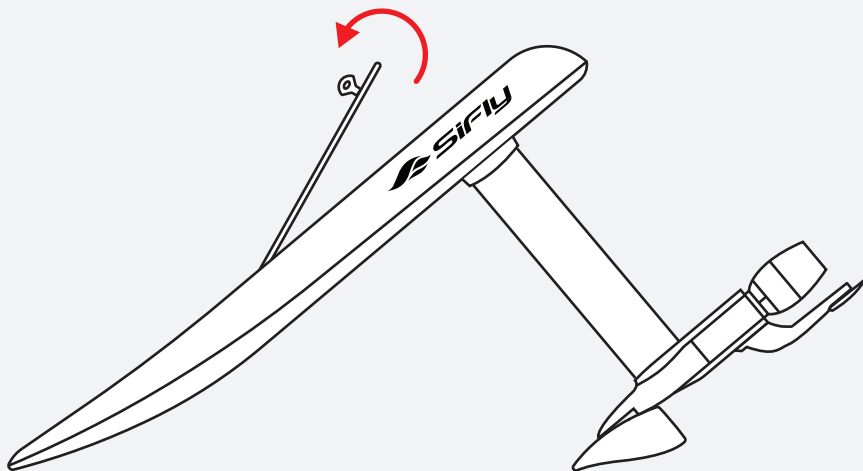
Turn the eFoil upright carefully.



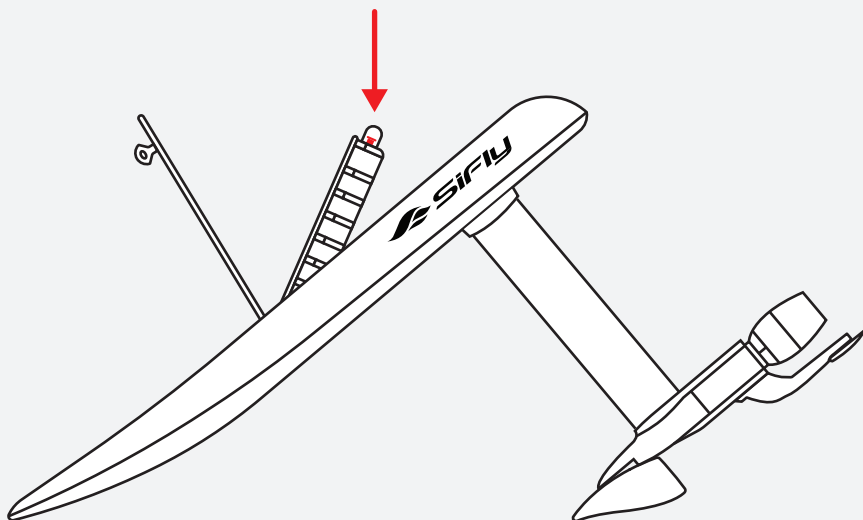
Pull the latches out and rotate them 90° to set them in the unlocked position. Do not rotate the latches more than 90° or you will break them.

Assemble Your Board

Steps 13-14



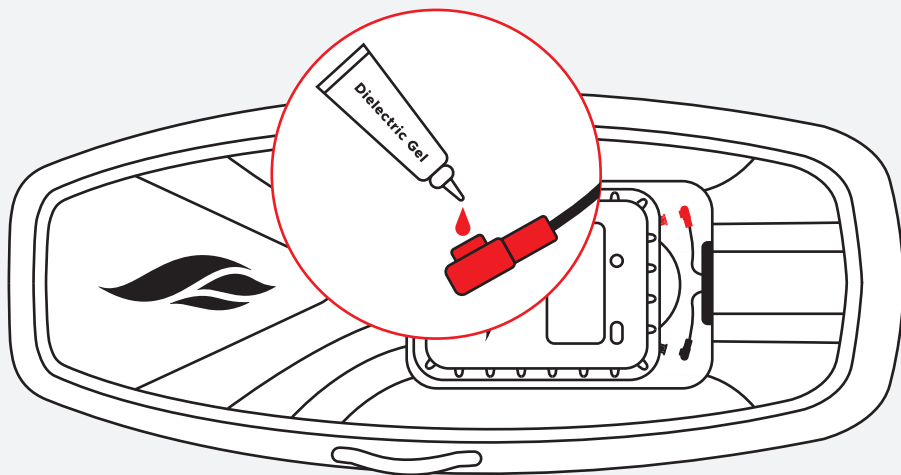
Open the lid of the battery compartment



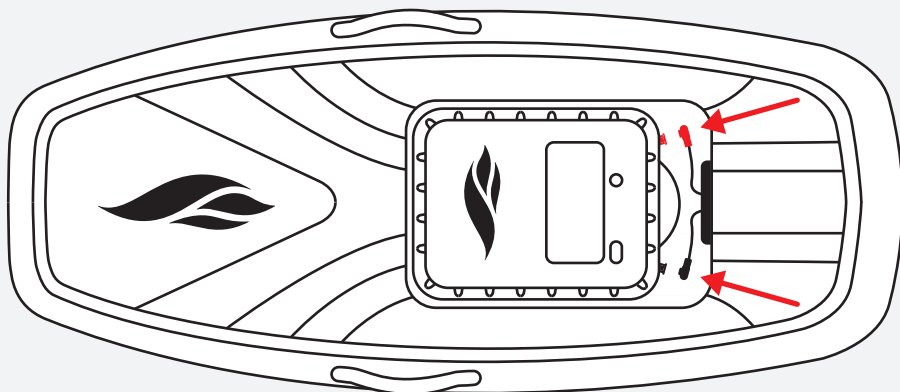
Place the battery inside, making sure that the spring assisted locking mechanism has locked the battery in place.

Assemble Your Board

Steps 15-16



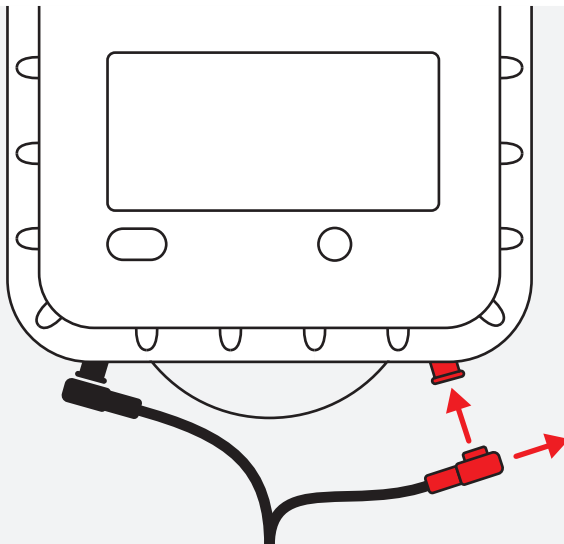
Lubricate the connectors with the provided dielectric gel to avoid oxidation.



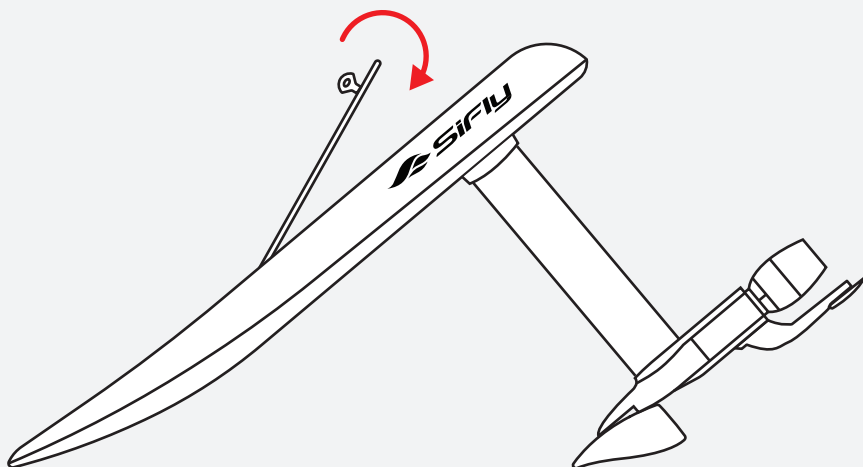
Attach the power cables by pushing the plug connectors onto the socket connectors of the battery until you hear a click.

Assemble Your Board

Steps 17-18



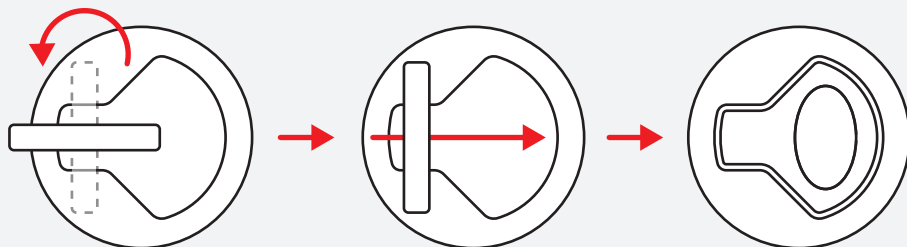
The positive (red) connector has a unique key so that it can't be attached to the wrong terminal. Align it sideways to the battery with its top pointing outwards and push it in.



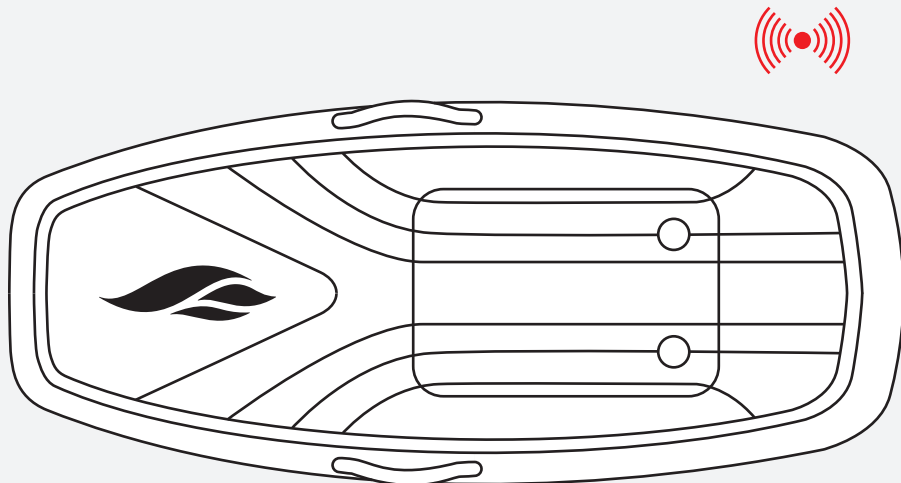
Close the lid of the battery compartment.

Assemble Your Board

Steps 19-20



Rotate the latches back 90° and push them in to set them in the locked position.



Once you hear the beeping tone your eFoil is ready to ride. Remember to rinse your eFoil with fresh water after each session.

Quick Pair Your Remote

Steps 1-5



Go to menu by holding “+” followed by “F”.



Scroll to “Quick Pair” with the “+” and “-”.



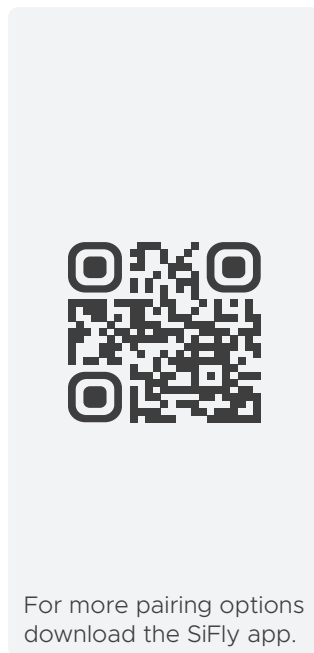
Confirm your selection with “F”.



Choose your board and confirm with “F”.



Your board has been paired successfully.



For more pairing options download the SiFly app.

Quick Links

Video Guides and User Guide

How to assemble your eFoil

Step-by-step guide.



Board and App

How to add your SiFly board to your app.

How to change your SiFly device name and connect it to a network.

SiFly features - Ready to Fly Alert, Safety Power Limit and Business mode.

How to update your SiFly board.

How to revisit your rides through SiFly sessions.



Powercell

How to charge and use your SiFly Powercell.

How to troubleshoot a SiFly Powercell.

How to update a SiFly Powercell.

How to take care of a SiFly Powercell.

How to transport a SiFly Powercell safely.



Remote Controller

How to use and pair a SiFly Remote Controller.

How to calibrate a SiFly Remote Controller.

How to charge your SiFly Remote Controller.

How to ride with a SiFly Remote Controller.

How to update a SiFly Remote Controller.



How to eFoil

The complete 5-step guide.



User Guide

The complete guidebook for your SiFly products.



Warranty Conditions

SiFly or any authorized reseller warrants that the products sold are free from manufacturing defects and damages for the coverage period stated below.

To file a claim, you should contact our support team at support@sifly.global.

SiFly might request pictures, videos or any other files that would help process the warranty claim, as well as request to connect the device to a WiFi network for remote diagnostics. You will have to present the original invoice for the purchase of the product.

SiFly will cover the reasonable costs for shipping a defect product to and from the nearest service center. If after evaluation of the claim a fault is found due to misuse, SiFly will ask you to pay the shipping cost towards the service center and back as well as the repair costs, if they are accepted.

You can make a Warranty claim if you are the original or secondary owner of the product. The warranty is transferable. Even if you are not the original owner and have not purchased directly from us or from an authorized SiFly reseller you are entitled to make use of the SiFly Warranty, if you are in possession of the original invoice for the purchase.

2.1. Warranty coverage period

Within EU:

The warranty of the SiFly board is valid for 2 years in case of a manufacturing defect. The warranty of the battery is valid for 2 years or 300 battery cycles – whichever event occurs first.

The warranty of the SiFly eFoil is valid for 2 years or 300 hours of motor function – whichever event occurs first.

There is a mandatory hydrofoil service interval of every 100 motor usage hours or 12 months – whichever event occurs first. The warranty of untimely serviced hydrofoils is VOID. Servicing can be performed at the nearest SiFly Service point.

The wings, remote controller and charger are warranted for the period of 2 years.

Outside of EU:

The warranty of the SiFly board is valid for 1 year in case of a manufacturing defect. The warranty of the battery is valid for 1 year or 300 battery cycles – whichever event occurs first.

The warranty service of the SiFly eFoil is valid for 1 year or 300 hours of motor function – whichever event occurs first.

There is a mandatory hydrofoil service interval of every 100 motor usage hours or 12 months – whichever event occurs first. The warranty of untimely serviced hydrofoils is VOID. Servicing can be performed at the nearest SiFly Service point.

The wings, remote controller and charger are warranted for the period of 1 year.

Note: A battery cycle involves consecutive or multiple partial discharges of a total of 100% capacity.

2.2. 14-day Free Return policy

If you have purchased a Sifly product in the EU for non-commercial use, you have the right to return it within 14 days of delivery, provided that the product is in the original package and is in near perfect condition as expected. The shipping costs are covered by the customer. Sifly will reimburse the purchase within 30 days.

2.3. NOT covered by the SiFly warranty policy

The following events are not covered by the warranty:

Damage caused by normal wear and tear.

Punctures and/or self-repaired damage to the board.

Damage or defects caused by transportation, loading, unloading, dropping, or out of water handling.

Damage or deterioration of the paint and clearcoat of composite hard boards due to improper storage conditions, including storage of the board in closed, damp conditions (for example wet in board bag).

Damage or defects caused by improper mounting or adjustment of bindings or footstraps.

Damage due to excessive heat exposure (over 50 °C / 120 °F) including direct sunlight or extended amount of time left in a car on a hot day.

Damage due to improper care, usage, storage, or operation in unsafe locations, and/or use in any other unsafe conditions not in accordance with the user manual.

Damage due to abuse, misuse, accidents, or collisions of the eFoil against hard objects or in shallow waters.

Damages due to climbing on and off the eFoil while it is not floating and is sitting on the bottom in shallow waters or on solid ground.

Damage due to failure to properly maintain the SiFly eFoil and its components in accordance with the instructions found within the User Manual.

Damages due to disassembling the motor, ESC, Board controller units, the remote controller, charger or battery.

Damages due to unauthorized modifications in the eFoil or use of 3rd party components, including, but not limited to, modification of its internal circuitry, components, battery, battery cells, connectors, connector cables, etc.

Damages due to unauthorized repairs and maintenance.

Damage or defects caused by usage of the SiFly eFoil after a warranty issue is reported, or when a customer should have reasonably made a warranty claim.

Personal injury or death, property damage or financial loss, however caused.

Damage caused by anything other than manufacturing defects.

Damage caused by failure to install a critical firmware update, when prompted to do so by the mobile app, and using the product.

Damage in the battery casing or internal components due to sustained physical impact, drop or puncture.

Exposure to abnormal conditions, including prolonged storage at temperatures beyond the recommended range.

Usage of unauthorized 3rd party parts and modifications, including 3rd party chargers, connectors, and connector cables.

Usage of the battery for unauthorized purposes and with unauthorized devices.
Unauthorized disassembly of the battery.
Ingression of water in the battery compartment is not a major concern and is not a reason for a warranty claim.

Note: Firmware updates can be critical or recommended. Critical updates must be installed when pushed to the eFoil for the warranty to be valid.

2.4. How will SiFly honor your warranty?

When a Warranty claim for a defect part is accepted, SiFly will take one of the following actions within 60 days:

1. Send you a replacement part;
2. Repair the defective part; or
3. Pay for the cost of repairing the part or supplying the replacement part by the customer.

All information within this guide is subject to change at the discretion of SiFly. For the latest product details and our complete Warranty Conditions visit our website **www.sifly.global**.

