

awake

WELCOME TO THE TEAM!

VINGA QUICK-START GUIDE





It's soon time to go out riding!

Read this guide, and you'll be good to go!





Welcome

You are now part of the Awake-movement!

At Awake, it is not about making just another watersports product. Awake is much more than that. We are energetic, adventurous and committed thrill seekers, and we want to pass our passion on. Through technology and innovation, combined with our true belief in a zero-emission future, we will push the envelope daily to create safe, exhilarating and surprising experiences for you – the water sports enthusiasts that constantly seek the next challenge!

In this leaflet you'll find some hands-on tips on how to get going, and if there is anything we can support you with, please let us know, we are at your disposal.

Have a great ride!

– Adam Treschow, CEO at Awake



Welcome to Awake!





Inventory list

Everything you need in order to get going is included in the standard Awake VINGA package.*

- Awake VINGA eFoil 
- Awake Flex Battery 
- Wireless hand controller 
- Wings 
- Power key leash 
- Awake Flex Charger 
- Hand controller charger 
- User manual 
- Warranty card 

* The inventory list covers one (1) standard Awake VINGA package. If you've added additional accessories, such as **board bag kit, impact vest, extra wings** etc., these will also be included in the box. Extra **batteries** and their hand controllers are shipped separately.

Abbreviations

Here is a list of the most common abbreviations, so that you can start speaking proper '*Awakeish*'.

eFoil:

Electric hydrofoil that elevates the board with the help of wings. Allows the rider to "fly" above the surface.

Flex BP:

Flex BP is the abbreviation of Awake's battery – 'Battery Pack' and works with all Awake watercraft models.

XR:

XR is short for 'Extended Range', and is used to define Awake's larger battery.

Flex HC:

Flex HC is the abbreviation of 'Hand Controller', your board's throttle and can be paired with any Flex BP.

PKL / CPK:

PKL is the abbreviation of the magnetic power key that activates the board – 'Power key leash'. CPK – 'Competition Power Key' – is a version of the PKL that activates the board while installed on the Flex BP.

Drive Unit:

The Drive Unit is the part where the mast, motor, jet, wings and connector module is located.

Locking Handle:

The Locking Handle is the big handle on the "bottom" of the battery (the opposite side to the LED screen). This is used to secure the battery to the board when riding and to the battery charger when charging.

Click-To-Ride

The mechanism that connects the Board to the Drive Unit and secures the connection with two handles for safety and ease of use.





VINGA eFoil

The VINGA is designed for a safe and easy user experience.



Click-To-Ride

Connect the Board to the Drive Unit using the Click-To-Ride system.

1. Grab the board, orient it to that the nose of the board is pointing in the direction of the powder wing and approach the drive unit.



2. Carefully place the board on top of the drive unit, starting with the back end of the connector module.



3. Slip the board on top of the drive unit and fasten the connection by pressing down the black locking handle.



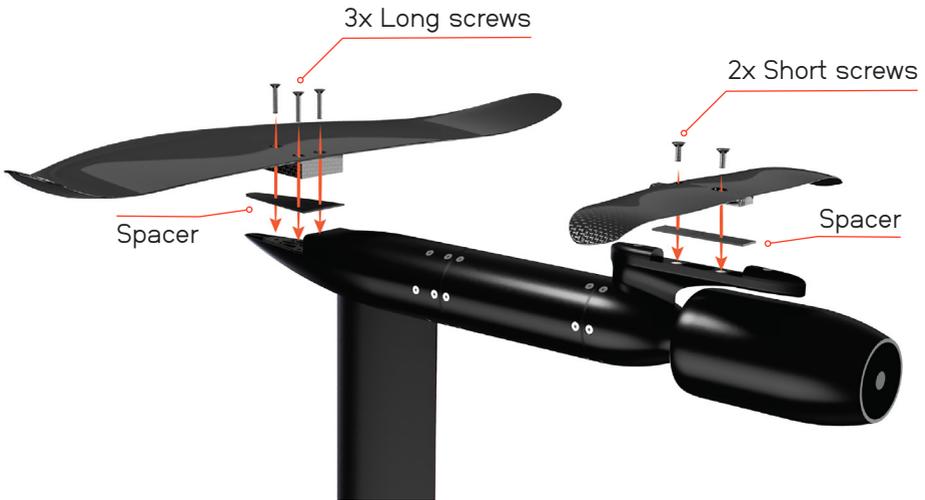
4. Secure the Click-To-Ride system by pushing down the red safety latch.





Wings and Spacers

The Powder Wing (Front) and the Stabilizer Wing (rear) are attached to the Drive Unit with standard screws, two [2] for the Stab. Wing and three [3] for the Powder Wing. The angle of the Wings can be fine tuned with Spacers to maximize your riding experience.

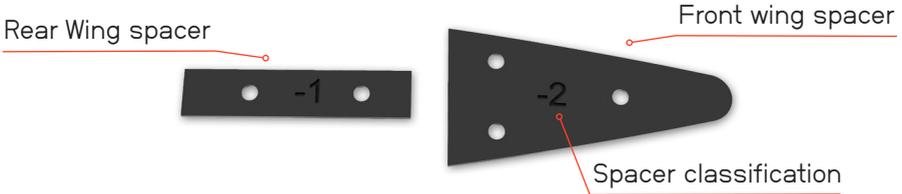


What are wing spacers and why do I use them?

A wing spacer is a part that you fit between the Wings and the Drive Unit on your eFoil. The spacers will protect the carbon of your wing from the pressure of the screws. The spacers are also used to fine tune the angle of your wings to optimize performance and your riding experience.

Which setting should I choose for my wing set?

When receiving your Powder or Fluid wings set, you will find spacers for both front and rear wings. See the Awake team recommendations below:



HINGA S

POWDER WINGS

Front Wing

Spacer Classification

-1

Rear Wing

-1

FLUID WINGS

Front Wing

0

Rear Wing

-1

HINGA 3

POWDER WINGS

Front Wing

Spacer Classification

+1

Rear Wing

+2

FLUID WINGS

Front Wing

+1

Rear Wing

0





VINGA Board Bag

Travel the world with your eFoil and keep your equipment organized with the VINGA Board Bag.

The VINGA board bag consist of two different bags, one for the Board and one for the Drive Unit, Wings and accessories. They can be connected to each other, carried separately in shoulder straps or rolled with the included Wheel Set.



Each bag is fitted with designated slots for each module and part but have extra pockets and compartments for your personal belongings.

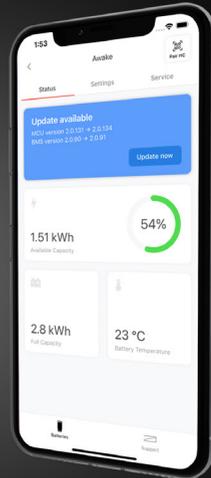
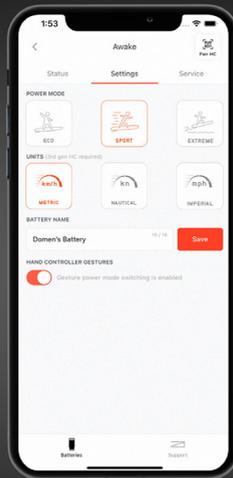
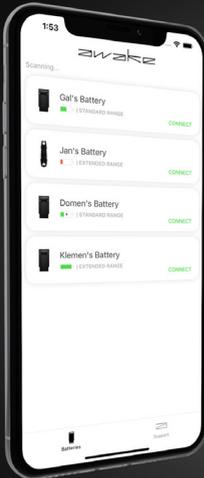
The Drive Unit bag have a special slot designed to hold the Drive Unit when installing the Wings. This gives stability and ensures that the Connector Module Pins do not get scratched or wet.

The Tool Bag inside the Drive Unit Bag contains a H4 Hex Tool (allen key) and Ted Gel (Anti corrosion), and have ample space for more tools if required.





AWAKE APP



The Awake App

The Awake app is your way of communicating with the battery pack. Among other things, you can see the status of your equipment, update firmwares, pair the Flex HC to the Flex BP and contact Awake Support.

The Awake App will use your phone's internet connection (WI-FI or 3G/4G/5G) to connect to the BP via Bluetooth™. The BP is essentially the brain, so it's actually not the board itself that your are connected to.

1. Download the Awake app to your smart device by scanning the relevant QR-code below and make sure that bluetooth is activated on you smart-device..
2. Activate the Flex BP with a PKL and open the Awake app. Stay close to the battery pack you want to connect too and choose your battery from the list. When connected, the LEDs on you Flex BP will turn blue.
3. In the "Settings" tab you can choose riding mode and change the name of the battery pack.
4. In the "Service" tab you can see and, via bluetooth, update the firmware of the Flex BP.
5. Create an Awake account and regularly connect to the app for firmware updates and equipment status checks.

Awake for iPhone



Awake for Android

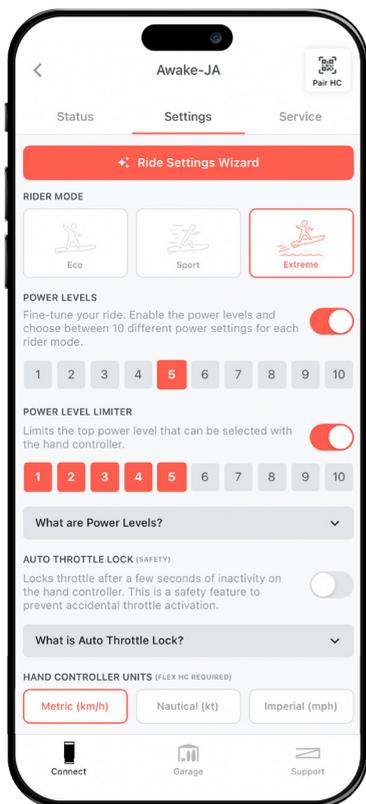




Ride Functions

Power Levels System

Fine-tune your ride. Enable the Power Levels and choose between 10 different power settings for each Rider Mode.



Wizard

The Mode Selection Wizard is a feature that suggests the most appropriate Riding Mode and Power Level based on the rider's skills, weight, and equipment.

Rider mode

Choose between 3 different Riding modes; you will experience optimized throttle sensitivity and power output.

Power Levels

Fine-tune your ride. Enable the Power Levels and choose between 10 different power settings for each Rider Mode.

Auto Throttle Lock

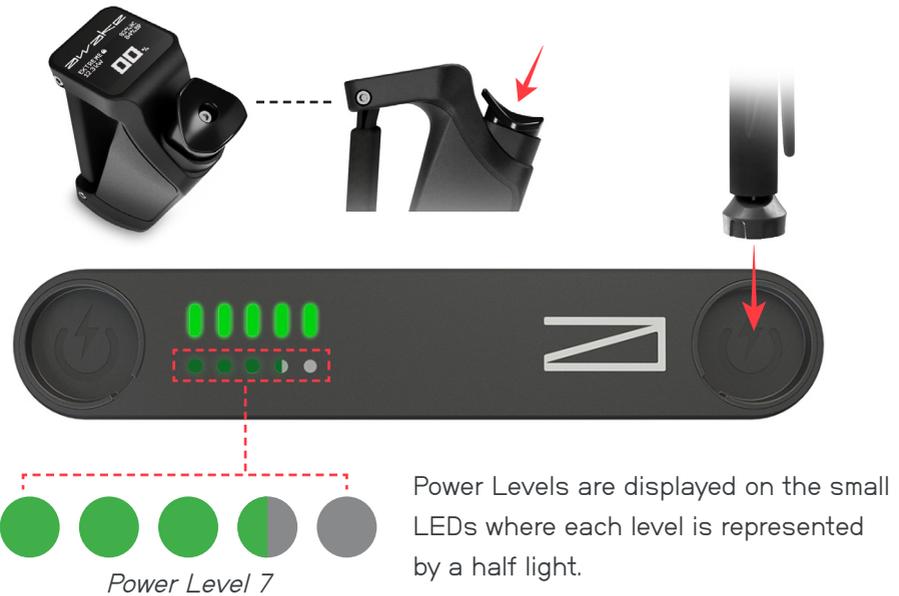
The power automatically shuts down, and the throttle locks when the connection between the hand controller and battery is lost or if the throttle is inactive for 5 seconds. Re-apply the PKL / CPK to activate throttle availability again.

Control Power Levels with the HC

1. Remove the PKL from the Flex BP



2. Push and hold the throttle button of the HC while you insert the PKL



3. Push and release the HC throttle to increase the level. Lock the setting by holding the HC throttle for 3 seconds.





Awake Flex Hand Controller (HC)

The Awake Flex HC is the wireless device that controls the speed of your board. It can be paired to any Flex BP and is charged by the Awake Flex Hand Controller Charger.



Charging the Flex HC

1. Plug in the USB cable to a USB port or into a power socket using the USB Power Adapter.
2. Place the Flex HC into the slot on the Flex HC charger to start charging.
3. A charging sequence bar will show on the display allowing you to follow the charging progress until fully charged.



Ergonomic Design

Grab the Flex HC with whatever hand is most comfortable and make sure you can push the Throttle Button all the way down with your thumb.



Always wear the Floating Wrist Strap around your wrist to avoid losing the Flex HC when/if you fall off while riding.

Activate the Flex HC

Turn on the Flex HC by pushing down the Throttle Button and immediately release.



Pairing the Flex HC to the Flex BP

1. Connect to the Flex BP and open the QR-reader in the Awake App.
2. Scan the QR-code on the Flex HC display.
3. The Flex BP will “beep” when the Flex HC is paired correctly.



Note! Only one HC can be paired to a BP at the time.

Riding the Board

To accelerate while riding, push gently on the Throttle Button, keep track of your speed on the Display and hold the button steady for a more stable ride.

Keep an eye on the battery charge of both your Flex HC and Flex BP in the top right corner of the display.





Awake Flex Battery Pack (BP)

The Awake Flex BP is the energy source of your VINGA eFoil. There are two different capacity sizes to choose from, the Standard Range (SR) and the Extended Range (XR). Regardless of capacity size, all Flex BPs fit into all Awake Boards, RÄVIK and VINGA alike.



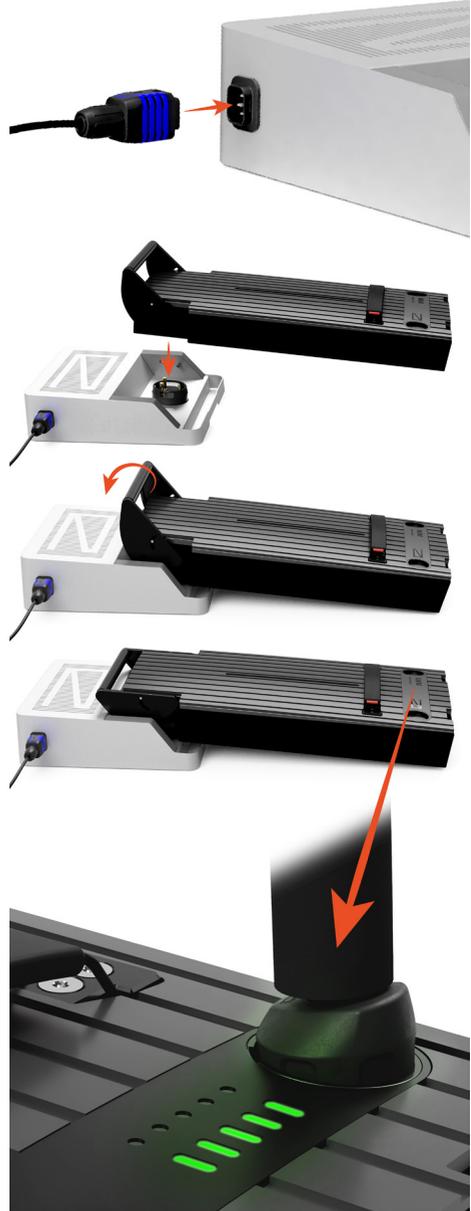
Maintaining the Flex BP

1. Be sure to fully charge you battery pack(s) after every ride
2. Be sure to put the Flex BP on the charger before every ride, even if it shows full charge.
3. Connect the Flex BP to the app frequently for status checks and potential firmware updates.
4. Adhere to the winterization section in the User Manual for guidelines on how to properly store and maintain you Flex BP to ensure optimal battery health.

Charging the Flex BP

Charging times: SR ~1,5h / XR ~2h

1. Plug in the Flex Charger to a power outlet.
2. Grab and lift the Flex BP with the Handle and the locking handle.
3. Carefully place the Flex BP on the charger and make sure that the connector pins on the Flex Charger are aligned with the connector on the Flex BP.
4. Turn the locking handle downwards to secure the battery to the charger.
5. Activate the Flex BP by placing the PKL in one of the receptacles on either side of the LED Display.
6. A sequence of green lights indicate that the Flex BP is charging. When the sequence stops and all lights are static green, the Flex BP is fully charged.



Note! If the LED Display shows anything else than green lights, refer to the Troubleshooting section in the User Manual for a full explanation of all different LED signals.



AWAKE PKL and CPK

Power Key Leash (PKL)

Meant to be attached to the rider and deactivate the battery if the rider falls off the board mid-ride.



Competition Power Key (CPK)

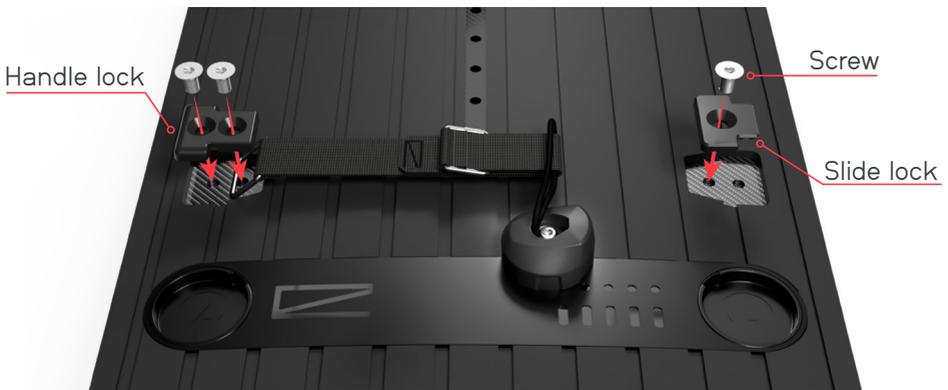
Designed to be attached to the board leaving space for the riders front foot.



Install the CPK

For this action a 4mm (H4) allen key is needed.

1. Remove the battery handle by unscrewing the 4 handle lock screws.
2. Install the CPK with the handle lock (we recommend on the opposite side of your front foot) and install the "slide lock" on the opposite side.



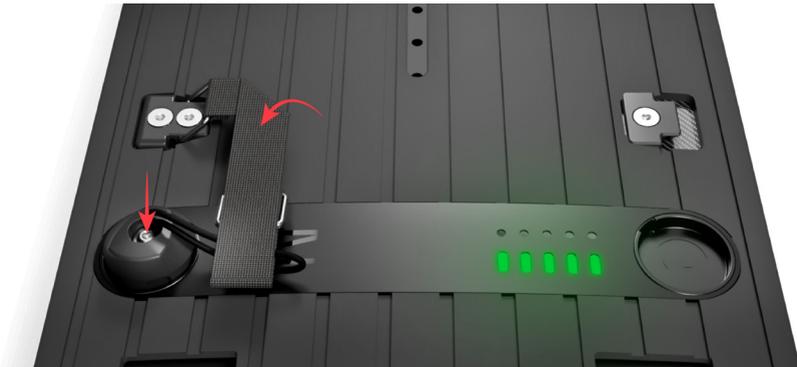
3. Slide the metal ring of the CPK into the "slide lock", so you can carry your battery and install it into your board



4. Once your battery is plugged inside the board, remove the CPK from the slide lock and attach the metal ring around the velcro strap.



5. Plug in the CPK magnet to the receptacle on the BP for activation.

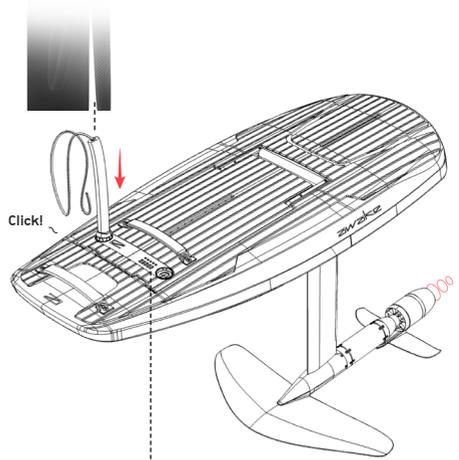
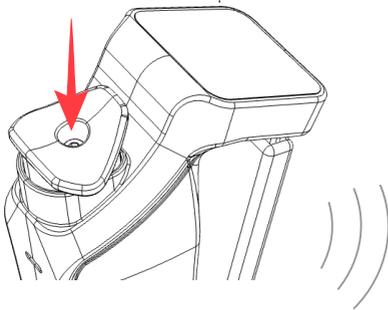
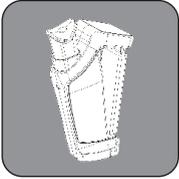




Connecting the battery to the board



Test on land





Before the ride

1. Check out our video tutorials on awakeboards.com/tutorials
The tutorials cover the basics for your first time as well as advanced riding when your skills grow with the board. Scan the QR-Code below for direct access to our **Awake eFoiling Video Tutorials**.



2. Connect to the App
Make sure to connect your Flex BP(s) to the app for a quick equipment status check. Update firmware if there is a new version available, pair your HC and check the BP state of charge.
3. Install the Wings
The Awake Wings are attached to the bottom part of the Drive Unit, where the jet is located and consist of the Powder Wing (big one) and the Rear Wing (small one). See page 10 for assembly instructions.
4. Clear the jet
Make sure that the jet system is cleared from marine debris and that all parts of the jet are fitted properly. Make sure there are no loose parts by gently rocking and turning the different components that make out the jet.
5. Connect the Drive Unit
The VINGA has a Click-to-Ride system that allows the board to be connected to the wing in a few easy steps.

Ride the VINGA

Activate the Board

1. Connect the Flex BP to the board by first sliding it into place on the nose-side of Flex BP compartment
2. Push down the Locking Handle gently but firmly in order to secure the Flex BP into the Flex BP compartment
3. Place the PKL on one of the receptacles located on either side of the LED display
4. When the Flex BP is connected to the board, the LED's will switch from white to green
5. Activate the Flex HC and make sure you have connection to the Flex BP. See page 11 for pairing instructions.

Go ride!

1. Start by moving the VINGA out to a depth of at least 1.5m to avoid damaging the Drive Unit and the Wings. Lie down on the board on your belly and gently accelerate with the Flex HC.
2. Speed up and shift weight towards the front until you get moving. Sit on your knees and keep accelerating gently until the board planes (you will feel less resistance to the water). While holding constant speed, make your way onto your feet one foot at a time.
Pro Tip: Apply constant pressure on the front to keep the board in contact with the water until you are at planning speed and stand up.
3. When the board lifts of the surface, keep your balance by continuously switching your weight between your left and right foot. The way you fall is key: When loosing control of your board, make sure to jump away from it instead of trying to regain balance.
4. Soft turns and gentle throttle handling is key. For a smoother ride, plan ahead and anticipate the VINGA's movement before turning or changing speed. Look out for swimmers and boats even when you're focused on riding!





After the ride

- 1. Rinse the Board, Drive Unit and Flex BP with freshwater**

After finishing a ride, make sure that everything is separately rinsed down properly with fresh water. Get everything properly wet, including the male/female connectors on the BP and Drive unit. Clear the inside of the jet system from potentially stuck marine debris.
- 2. Put the Flex BP on charge**

When the BP is completely dry put it on charge. If stored for a shorter period of time (2–4 weeks), the Flex BP should be charged to 100%. If you are looking to store the Flex BP for longer than a month, the Flex BP should be kept at a charge of 80%. Make sure to check in on the Flex BP's via the Awake App continuously to see charge status.
- 3. Let all the parts dry properly**

Air dry or use a towel. If you have a board bag, make sure to air dry that as well, and make sure not to leave any wet accessories in it, as they will start to smell and it can cause algae growth.
- 4. General overview**

Look for loose screws and clearances between parts. The jet system and wings are especially exposed to impact from marine debris and bottom conditions. Tighten any loose screws with an Allen key.
- 5. Spray connector with contact spray**

The male connector inside the BP compartment of the board is one of the most sensitive parts of the board, and should be handled accordingly. Make sure to let it air dry properly, and spray it with contact spray, such as WD40 or similar product.
- 6. Anti-corrosion**

To minimize corrosion on screws and inserts on the Drive Unit, apply some Anti-corrosion gel (e.g. Tef gel) after every ride.





Winterization (long-term storage)

Anytime the Flex BP is not in use, always keep the state of charge at 80% (4 LEDs) by charging it for 10 min at least every 60 days. Before every ride, charge it fully (5 LEDs) to enjoy the full capacity of you Flex BP.

Failure to store the Flex BP at a recommended state of charge can deplete the cells beyond recovery and render the entire Flex BP unusable (an action not covered by the Awake Care[®] or warranty).

Make sure to adhere to the following steps for winterization:

1. Rinse of all parts of the board and battery with fresh water, and make sure to let everything dry properly
2. Spray the connector modules on both the board and the battery with contactor spray
3. Charge the battery to 80% (four bars on the LED display).
4. Disconnect the PKL (you can leave the Flex BP on the charger if convenient)
5. Check the battery every few weeks by simply connecting a PKL.
6. When you notice that the charge level has dropped to three bars on the LED display, let the Flex BP charge for 15–20 minutes, or until the charge level has gone up to four bars on the LED display.

[NOTICE]: NEVER do any of the following:

1. Never connect or disconnect the Flex BP to the board in the water. It's important that the male connector found in the Flex BP compartment of the board, and the female connector found on the Flex BP are always dry when connecting. You MUST NOT connect/disconnect the battery when the board is in the water. The board must be COMPLETELY out of the water before any connecting/disconnecting is done
2. Never connect/disconnect the Flex BP to the board or the charger with the PKL / CPK still connected
Always disconnect the PKL / CPK from the BP before connecting/disconnecting the Flex BP to either the board or the charger. This is because electrical corrosion can occur due to residing current, which will render the Flex BP, Flex Charger, and the Drive Unit useless.
3. Never leave PKL / CPK in the Flex BP when not using it
Due to the risk of accidentally hitting the throttle, you MUST NEVER leave the PKL / CPK connected to the eFoil when taking a break from riding. This can (but is not limited to) lead to the board speeding of, running dry on the beach, possibly breaking the jet impeller, or seriously hurting someone who is checking the Drive Unit or the Jet
4. Never ride in waters that are filled with debris
In order to avoid breaking the jet, make sure that you are not riding in body's of water with large amount of debris. This can lead to small, hard material getting into the jet and possibly destroying the impeller and/or other parts of the jet.
5. Never ride in waters shallower than 1.5m depth.
This can seriously harm the Drive Unit, the Jet and marine life.





Stay Awake

Stay up-to-date with offers, news and tips. Explore all Awake products and **subscribe to our newsletter** by scanning the QR-code ►

See you out there!

If you experience any issues with your Awake products please contact Awake Support through the Awake app or support@awakeboards.com.





awake

Be sure to follow us at on Instagram (**@awakeboards**) for inspiration on adventures to take your Awake Board on, and share your rides with us at **#rideawake**

awakeboards.com/stayawake

Stay Awake

