

eliteboard



Imagine a water craft that flies smoothly above the water at exhilarating speeds. It doesn't rely upon wind or waves, and gives you the freedom to travel for up to 30km per charge.

Imagine a water craft so responsive that even the most subtle movements bank turns or change your flying altitude; providing endless freedom and expression.

Imagine a water craft that combines the efficiency of hydrofoil wings, with the latest in electric vehicle and battery technology – to create a fast, clean, quiet, powerful ride like nothing before it.

This is Fliteboard.





Introducing Fliteboard

Fliteboard is a high performance water machine that is packed with innovation and built from the highest quality materials.

Three boards are available to suit different rider weights and needs. Finishes, wings and other components can be configured to suit your personal style with 208 different combinations.



Fliteboard^{pro}



eliteboard

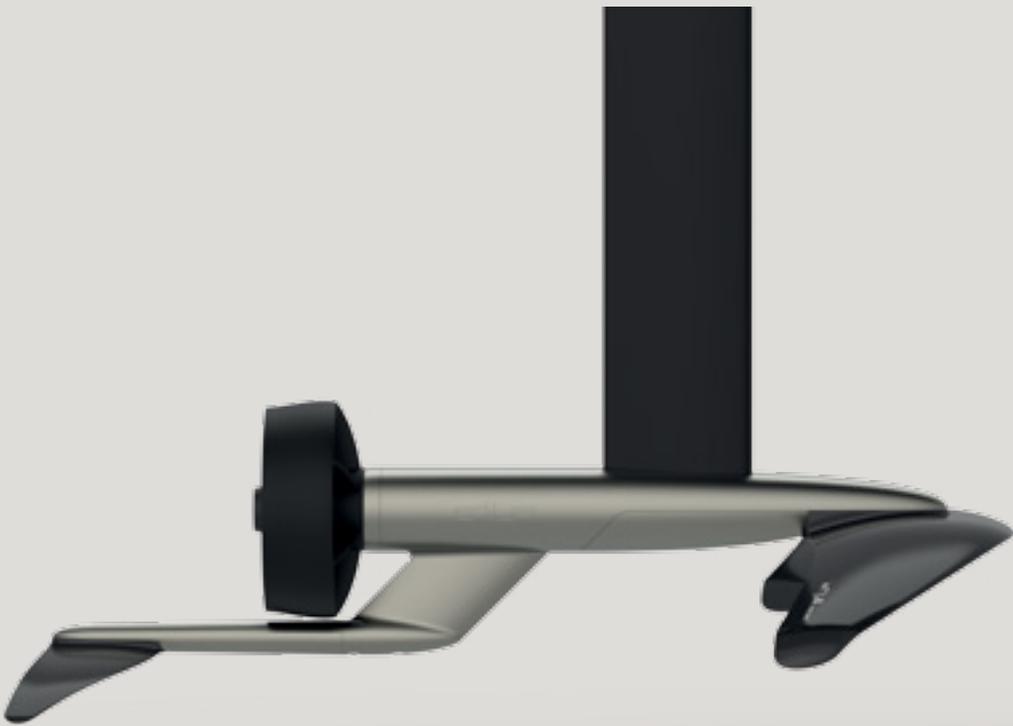


eliteboard^{air}

Purposeful design

Every detail of Fliteboard has been refined for maximum performance, durability, beauty and enjoyment.

Modular components make Fliteboard easy to transport, set-up, and customise to suit your individual style.



Quality Materials

Carbon fibre, Innegra, aircraft grade aluminium, high quality wood laminates and composites.



Unibody Fuselage

The world's first unibody powered hydrofil fuselage uses streamlined hydrodynamics to deliver greater efficiency.

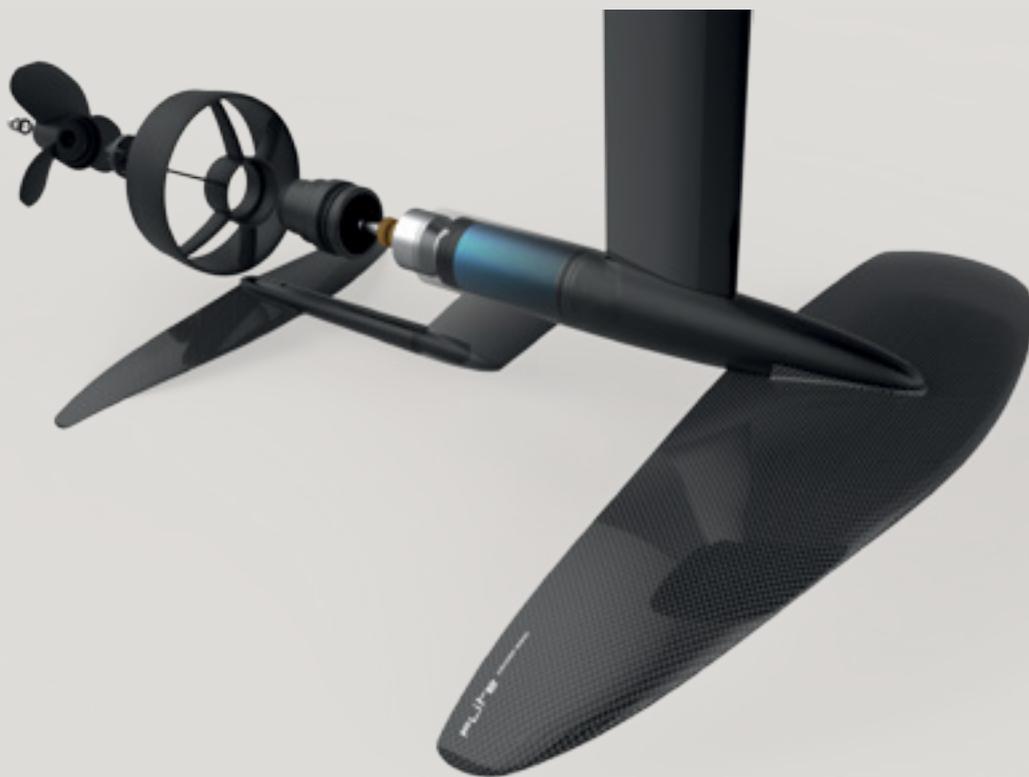
Extend your senses

You won't forget your first time foiling.
Wings fly below while you soar above.
Almost anyone can learn, yet Fliteboard is
engaging for even the most experienced
watersports athletes.



Effortless propulsion

Fly quietly above the water for up to an 1 hour 20 minutes (80kg rider) with Fliteboards' dynamic eFoil propulsion system.



Brushless E-Motor

The quiet electric motor produces thrust to fly at up to 40kph.



G-Force Gearhead

Precision developed in Germany specifically for Fliteboard's unique requirements.



Newton-Rader propeller

Engineered for maximum thrust and efficiency for a range of wings, rider weights, and speeds.

Perfect. Everyday.

Fliteboard isn't reliant on wind or waves.
Escape the crowds – fly anywhere, anytime.
Ride alone, ride with friends, or share the
learning experience.



Your ultimate co-pilot

Flite Controller is a custom designed waterproof handheld remote that provides intuitive control and real-time performance information to the rider.



Throttle resolution

1,000 points

Magnetic actuator (hall sensor) for precise throttle control.

GPS + Bluetooth

Bluetooth connectivity with integrated GPS, dual IMU (accelerometer) and data logging.

High contrast data display
Sophisticated ride telemetry: Speed, distance, battery time and range, efficiency (energy per km) and more.

Magnetic Charging

No plugs to connect, just snap on the charging magnet.

Magnetic On-Off

Magnet in hand controller activates the board's on-off power switch

Cruise Control

Proprietary algorithms provide launch assist, cruise control and auto shut-off functions (patent pending).

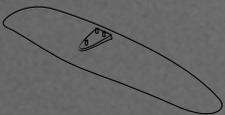
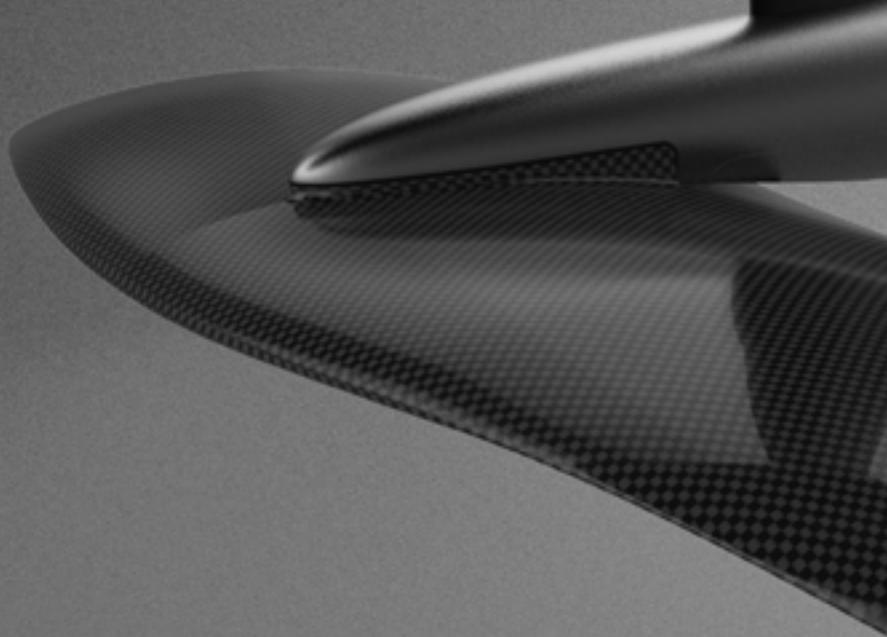
Software update & App connect

A future Smartphone app will allow monitoring of Fliteboard systems. Performance updates and new features will be accessible via software updates.



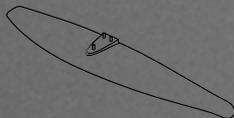
Fly Effortlessly

Interchangeable wings allow you to easily customise your ride. Built from high compression carbon fibre for maximum stiffness and strength.



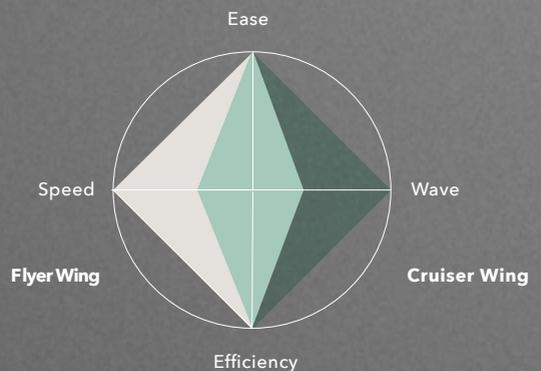
Cruiser wings

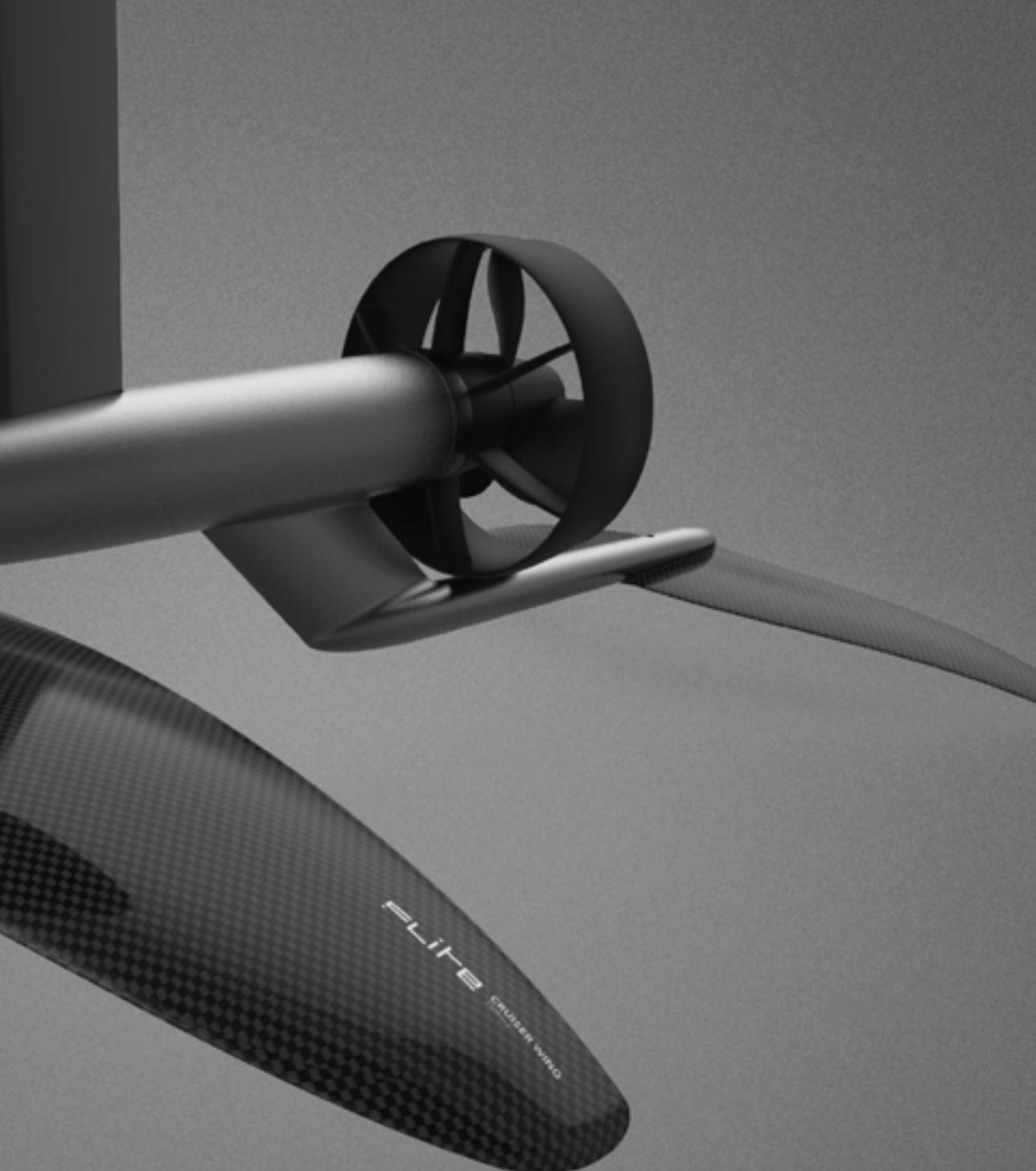
For early and stable foiling. Maximum efficiency for slow to medium speed cruising and heavier riders. Suited to tight turns at lower speeds. The best option for waves.



Flyer wings

Maximum efficiency for medium to fast speeds, and lighter riders. Suited to fast turns, and long range exploration.





America's Cup lineage

Created using sophisticated parametric models and digital wind tunnel technology, Fliteboard flows instinctively through the water



Flite Box Plug and play simplicity

Our patented Flitebox system is manufactured from hard anodised aluminium and complete with finned heatsink for optimised cooling. It avoids the need for complex water cooling tubes found on other systems. Also inside Flitebox is a powerful onboard computer that coordinates data from multiple sources for an optimised rider experience.

Flite Cell

This plug and play power source comes in two sizes depending on your performance requirements and budget. Its durable high quality housing is fully waterproof (IP67).



Flite Cell Sport

30 AH

1.6KWh capacity

Flite Cell Explore

49 AH

2.47KWh capacity

CNC machined aluminium and high temperature polymers for heat management and performance

52v Nominal
High Voltage 58.8v
Low-Voltage 42v

Highest density Li-Ion cells

Superior safety, lifecycle and power to weight ratio

100% pure nickel terminations for low resistance

Two stage fusing

High strength polyvinyl chloride cell holders maximising rigidity

Custom Battery management system with safety features



Noise Free

Quiet electric motor won't disturb the environment.



Emission Free

Guilt free zero emission propulsion system.



Wake Free

Fly above the water without a splash.



Board options to suit any rider

Choose from three Fliteboard models to suit different riding needs.

Fliteboard and Fliteboard PRO are built using PVC carbon sandwich technology, and come in a range of finishes including ballistic grade Carbon Innegra and Ash veneer.

The user friendly Fliteboard AIR inflates around a self-contained power shell for easy transport. This durable model is perfect for families, lessons, tours and resort operators.



Fliteboard PRO

For experienced riders that want the smallest board possible. Light weight and responsive. Due to it's significantly reduced volume the Fliteboard Pro is not recommended for beginners.

Fliteboard

Suits riders from beginner to advanced. Enough volume and deck area for early planning and easy pop-up, yet still highly manoeuvrable and easy to transport.

Fliteboard AIR

High quality inflatable board. Suitable for beginners, schools, yachts use and commercial operators. Almost double the volume of the standard board to make learning even easier. Packs down for easy transportation.

5'0" x 24.5"

5'8" x 28"

6'6" x 30"

70 Litres

100 Litres

175 Litres





Black Carbon Innegra



White Carbon Innegra



Ash

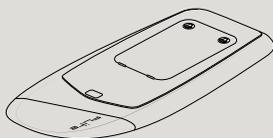


Grey Selytech Composite
Super Light



What's included

Board



Fliteboard PRO

5'0" x 24.5"

70 Litres



Fliteboard

5'8" x 28"

100 Litres



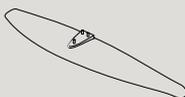
Fliteboard AIR

6'6" x 30"

175 Litres



Choose your wing

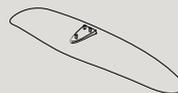


Flyer

Experienced and lighter riders

Medium and fast foiling

Long range high speed cruising



Cruiser

All purpose wing

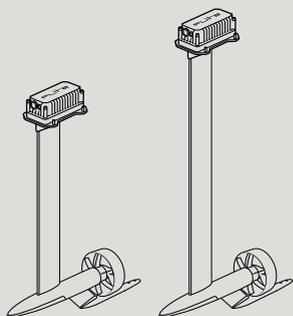
Suits beginners and heavier riders

Early and stable foiling

Slow to medium cruising speed

Tight turns and waves

Flite eFoil with Flitebox



Flite eFoil, Mast with Flite Box

Plug and play simplicity

Easy to transport

Self contained and waterproof electronics

On board computer with data logging



60cm

More user friendly

Fliteboard AIR is compatible with 60cm Mast only

75cm

Better for carving tighter turns

Easier to use in choppy waters

Flite Cell



Flite Cell Sport

30 AH

1.6KWh capacity

Flite Cell Explore

49 AH

2.47Kwh capacity

Controller

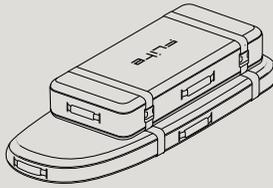


Waterproof wireless controller

Integrated data display

Magnetic charging

Travel Bag



High quality board bag

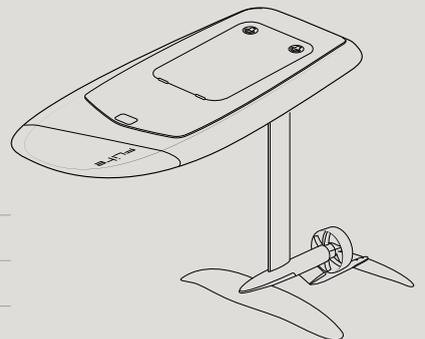
eFoil system travel case

Fliteboard complete

All Fliteboard components are interchangeable. Additional wings, batteries and boards available in our online store.

Battery chargers

12 Month Warranty



Build your own Fliteboard at
[Fliteboard.com/configure](https://fliteboard.com/configure)

