Catalog 2025

AERIS

At ABNC, we push the boundaries of innovation, creating next-generation water sports technology that blends performance, sustainability, and adventure. The AERIS eFoil is designed to deliver an electrifying ride while ensuring efficiency, portability, and durability.

Elevate Your Surf

SPEED, POWER, AND CONTROL

With a powerful 6000W brushless motor, AERIS propels riders at speeds of up to 45 km/h, gliding effortlessly over the water. Hydrodynamic carbon fiber wings ensure smooth, responsive control, while the aluminum alloy mast provides strength without added weight. Whether cruising or pushing your limits, AERIS delivers a ride that is both thrilling and efficient.

- **6000W Motor**
- **Up to 45 km/h**

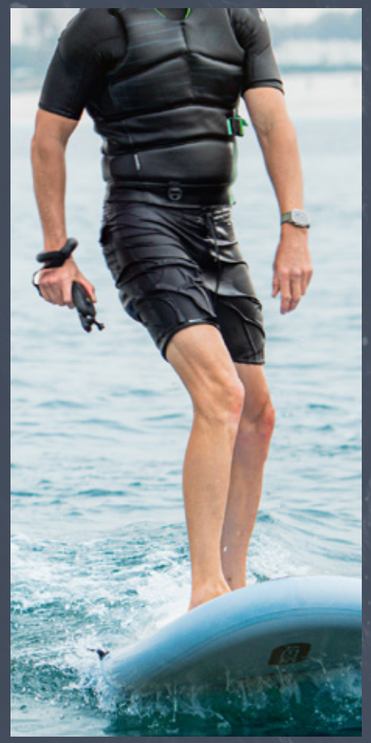
PORTABLE, DURABLE, READY FOR ADVENTURE

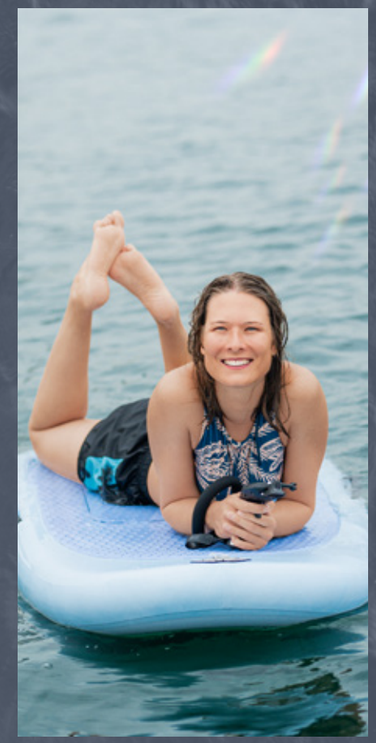
The inflatable construction makes AERIS not just lightweight and easy to transport, but also incredibly rugged and buoyant. Perfect for schools and families, it provides a stable and comfortable ride while still delivering high performance. Deflate, pack, and go—AERIS is built for those who want to explore the water without limits.

- **Deflate, Pack and Go**
- **Lightweight**
- **Easy to Transport**

Seamless performance for riders of all skill levels.

Feel the thrill, experience the freedom in every ride.





RIDING FOR EVERYONE

Experience the freedom of eFoiling, no matter your skill level. From beginners to seasoned riders, our intuitive design makes it easy to learn while offering the excitement and challenge advanced riders crave.

RIDING ANYWHERE

Break free from the limits of traditional watersports. With eFoiling, you can glide effortlessly over lakes, rivers, and oceans—no waves, wind, or boat required. Just pure, uninterrupted adventure.

RIDING REDEFINED

Innovative design meets high-performance engineering. AERIS' inflatable board, carbon fiber wings, aluminum alloy mast, and powerful brushless motor deliver a smooth, powerful, and exhilarating eFoiling experience like never before.

Ride the Future

Length x Width x Thickness

- 170cm x 73cm x 12cm
- (67" x 29" x 5")

Standard Configuration

- Battery: 32Ah
- Runtime: 90 minutes

Advance Configuration

- Battery: 60Ah
- Runtime: 150 minutes

Volume

- 100 liters

Mast & Wings

- Mast 71 cm (28") - Aluminium-Alloy
- Front Wing 1300 - Carbon Composite
- Rear Wing 310 - Carbon Composite

Fuselage

- Carbon Composite

AERIS Weight

- 15.70 kg Air Board with E-Box
- 11.5 kg Standard Battery (90 mins)
- 17.6 kg Advanced Battery (150 mins)
- 7.1 kg Mast (Aluminium Alloy)
- 1.8 kg Wing

AERIS

PERFORMANCE SPECIFICATIONS

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ITEM	SPECIFICATION	DESCRIPTION
Technical Specification	Board Size	170cm x 73cm x 12cm (67" x 29" x 5") (Length x Width x Thickness)
	Volume	100 liters
	Board Color	Aqua Drift / Mint Breeze / Coral Rush / Sage Glide / Slate Flow
	Material	PVC / Aluminium Alloy / EPS based
	Battery Capacity	Standard Configuration 32 Ah Advanced Configuration 60 Ah
	Power Output	Direct Current Brushless Motor
	Maximum Power	45 km/h
	Maximum Load	120kg
	Battery Duration	Standard Configuration At least 90 mins Advanced Configuration At least 150 mins
	Charging Duration	Standard : 90 min Advanced: 180 min
	Battery Charge Cycle	Standard: 1000 times
	Certification Requirement	CE, FCC, KC, UN38.3, MSDS, UL
	Environment Requirement	Work Temperature: 0 ~ 45° Recommend Storage Temperature: 0 ~ 25° Maximum Storage Temperature: -10 ~ 50°
Motor Parameter	Nominal Voltage	50V
	Rated Power	6000W
	Rated Speed	6200r/min
	No-load Speed	10800r/min
	Rated Current	70A
	Maximum Continuous Current	90A
	MRated Torque	5N.m
	Resistance	0.018Ω
	Inductance	0.036mH

The Information in this catalog is subject to change without prior notice.

SCAN ME

To find out more about the Aeris eFoil and how it can elevate your water adventures, visit our website today!

AQUA DRIFT

MINT BREEZE

CORAL RUSH

SAGE GLIDE

SLATE FLOW

Our boards come in a variety of stunning colors, letting you express your style while enjoying the water. Pick your favorite and make every ride an adventure!

Vibrant choices, endless fun!

FUNCTIONAL CHARACTERISTICS

PROPELLER

A cutting-edge propeller design enhances efficiency and performance. Precision-engineered with advanced simulation technology, it optimizes airflow and reduces resistance. The innovative structure ensures smoother operation, improved thrust, and greater stability for an upgraded user experience.

ELECTRICAL SYSTEM

A next-generation interface streamlines installation, operation, and maintenance. Seamlessly integrating aerodynamics, lightweight design, and smart connectivity, every detail enhances the customer experience.

BATTERY

The ABNC battery delivers long-range performance with a lightweight design. As the heart of our eFoil, it actively communicates with the system for optimal tuning and early problem detection. Equipped with a built-in radio module, it ensures a seamless connection at all times.

MOTOR REVERSE FUNCTION

Enhancing both safety and convenience, the reverse gear allows the board to move backward, making it easier to retrieve, recover and continue riding after a fall.

CONTROLLER

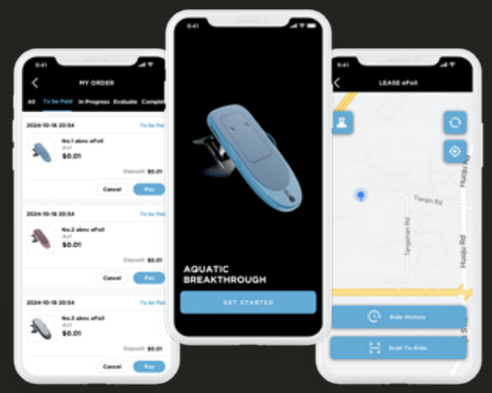
- Color display
- Wireless charging method
- Easier device pairing with Magnet Induction
- Support for multiple languages: English, Spanish, German, French, and Chinese

The remote control can also be equipped with a GoPro Mount, making it easy to record exciting moments.

ABNC APP

Our app introduces exciting features, enhancing user convenience and significantly improving the overall experience.

- Hourly and daily timing modes are available.
- Remote locking function.
- GPS trajectory positioning.



abnc

AQUATIC BREAKTHROUGH

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