



AERIS

abnc abnc

Catalog 2025

v.1.1

A person is riding an ABNC AERIS eFoil on the ocean. The rider's legs are visible, standing on a light blue, oval-shaped deck with a blue textured grip area. The deck is elevated above the water by a single black foil. The water is a deep blue-grey, and there is a splash of white water at the base of the foil. The ABNC logo is visible on the side of the deck and on the foil.

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 35 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 35 km/h



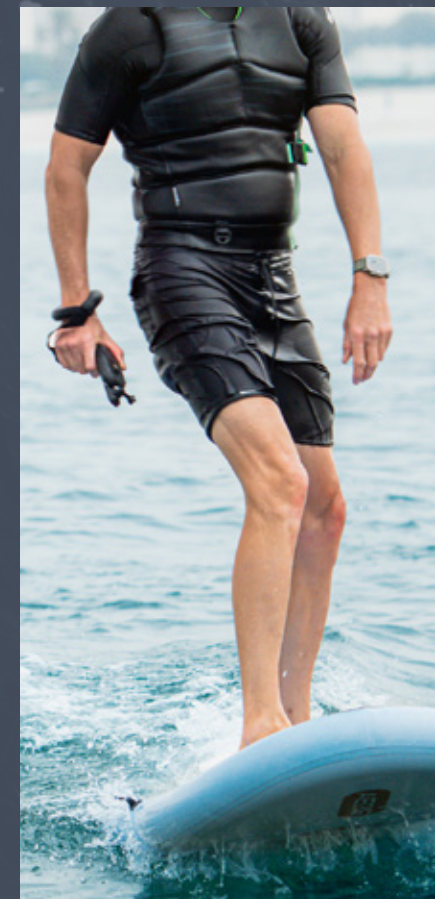
PORTABLE, DURABLE, READY FOR ADVENTURE

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.



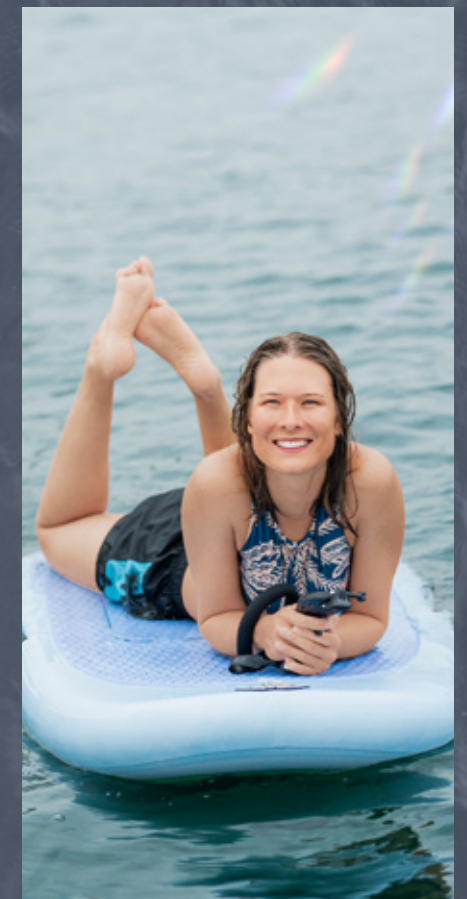
RIDING FOR EVERYONE

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: 60 minutes

Advance Configuration

- Battery: 60Ah
- Runtime: 120 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

- 12.78 kg Air Board with E-Box
- 11.85 kg Standard Battery (60 mins)
- 17.6 kg Advanced Battery (120 mins)
- 6.35 kg Mast (Aluminium Alloy)
- 2.6 kg Wing



PERFORMANCE SPECIFICATIONS		
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
	Board Weight	With Standard Battery: 33.85 kg With Advanced Battery : 39.33 kg
	Battery	Standard: 32 Ah, 60 min ride Advanced : 60 Ah, 120 min ride
	Power Output	Direct Current Brushless Motor
	Maximum Power	35 km/h
	Maximum Load	90kg
	Charging Duration	Standard : 90 min Advanced : 180 min
	Battery Charge Cycle	Standard: 1000 times
	Certification Requirement	CE, FCC, KC, UN38.3, MSDS, UL
Motor Parameter	Environment Requirement	Work Temperature: 0 ~ 45° Recommend Storage Temperature: 0 ~ 25° Maximum Storage Temperature: -10 ~ 50°
	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

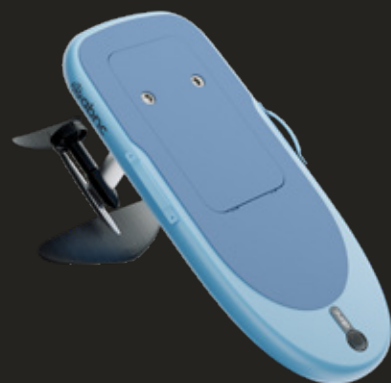
SAFETY LIMITS		
Battery Power	Standard Maximum Gear	Advanced Maximum Gear
20-30%	Gear 7	Gear 12
10-20%	Gear 7	Gear 10
<10%	Gear 1 at 80% Power	Gear 1 at 80% Power

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

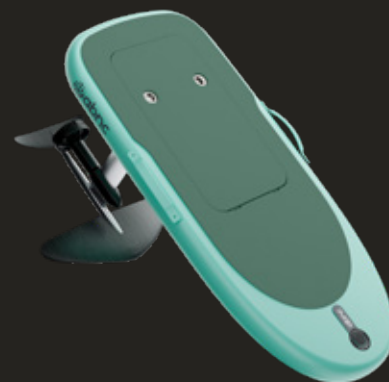
SCAN ME

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

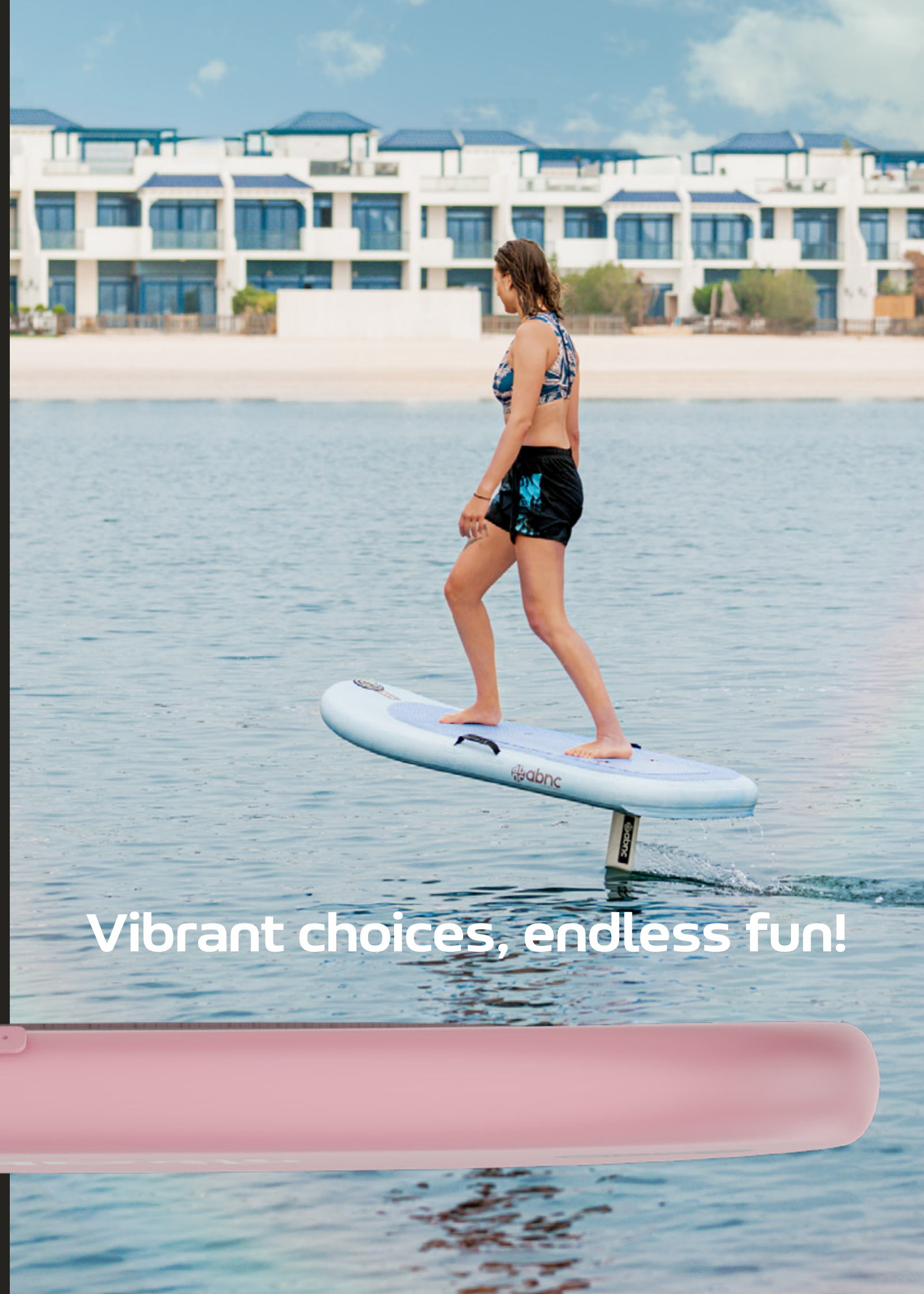
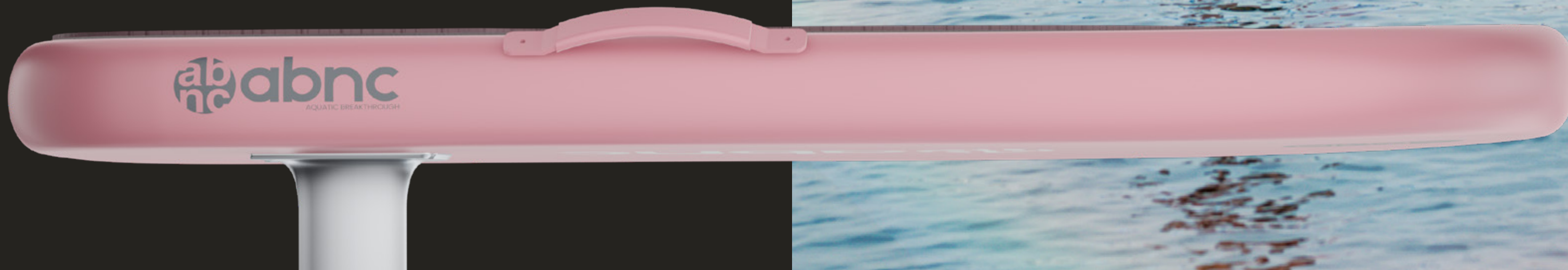


SAGE GLIDE



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

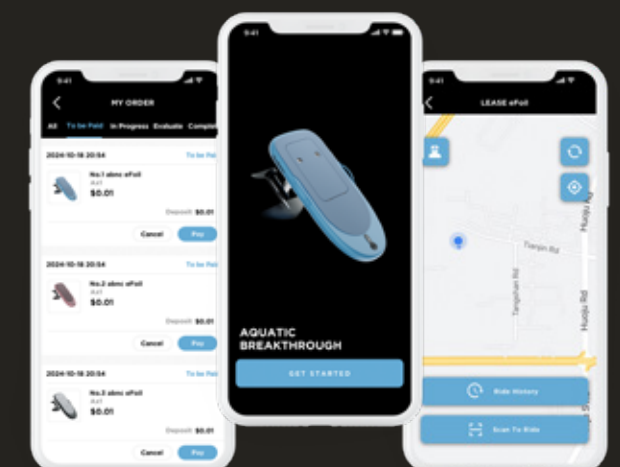
The remote control can also be equipped with a GoPro Mount, making it easy to record exciting moments.



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.





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