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The Next Generation eFoil from Waydoo

FLYER EVO

Effortless Start, Infinite Journeys





WAYDOO FLYER EVO EFOIL

Introducing the Waydoo Flyer EVO eFoil, the latest triumph from Waydoo, a pioneering company at the forefront of water sports innovation. Building upon the success of its predecessor, the Flyer ONE, the Waydoo Flyer EVO takes hydrofoil technology to new heights. With an impressive track record of delivering high-quality and groundbreaking products, Waydoo has established itself as a leading force in the industry.

Now, the Waydoo Flyer EVO continues this legacy, offering a blend of cutting-edge design and adaptability. We listened to our pro riders, testers, and the community to bring best-of-class features and performance refinement to our next generation of products. Tailored for various skill levels, The EVO comes in different sizes and colors, providing extended ride time with dual battery options. Packed with smart features and crafted from premium materials, this eFoil ensures a powerful and quiet performance, redefining aquatic experiences. Versatile in function, it seamlessly transforms for different water activities. With its innovative battery design and modular construction, the Waydoo Flyer EVO sets a new standard in personalized hydrofoil adventures. Embark on a journey where Waydoo's commitment to excellence and innovation merges seamlessly with your aquatic pursuits.















SMART EFOILING

Experience smart eFoiling with the Waydoo Flyer EVO. The Max Plus, Pro Plus, and Master Plus boards feature industry-first embedded sensors and GPS, working with proprietary software to provide balancing assist, geo-fencing, takeoff assist, and wipeout protection. Lifetime over-the-air upgrades ensure continuous improvements, making the eFoiling journey easier and safer.

FLYER EVO


EVO Remote
Powerflight Battery
EVO Board
EVO Mast
Propeller
Stabilizer Wing
EVO Propulsion Unit
Hydrofoil Wing

EVO MAX Plus (Surging Gray)



EVO Master Plus (Onyx Black)



EVO Master Plus (Dawn)

Coming Soon



EVO PRO (Cerulean Blue)



EVO PRO Plus (Cerulean Blue)



FLYER EVO



EVO MAX Plus

Designed for beginners, the 130L Max Plus board offers stability and ease, making it perfect for new riders. Its large size assists in getting up smoothly, ensuring that even novices can quickly start flying. An optional scooter kit transforms the Max Plus into a scooter, offering enhanced stability. Embedded sensors and a proprietary algorithm enable smart eFoiling with automatic assistance. Additionally, a stabilizer wing extension rod or an inflatable Flyer Pod can be added to the formula to minimize the learning curve. This board is ideal for the whole family to experience the excitement of eFoiling together.

140min
Max. Runtime

45km/h
Max. Speed

170kg
Max. Load Capacity

2.1h*
Charging Time

6000W
Max. Motor Output

2300Wh*
Battery Capacity

*Battery charging time and runtime vary depending on the specific battery and charger models you choose. For shortest charging time, select the inverter charger.











EVO MAX Plus

Board Volume: 130 Liters

Sensors	Board GPS
Yes	Yes

Specifications

Material	EPP + Aluminum Alloy Frame
Color	Surging Gray
Max. Load Capacity	170kg
Max. Motor Output	6000W
Board Weight	14.79kg
Max. Speed	45km/h*
Max. Runtime	140min*
Board Size (L×W×H)	177×75×15.5cm

*May vary depending on the eFoil configuration, rider skill level, and water condition.
*The test was done without a propeller guard. For safety reasons, we strongly advise the use of a propeller guard. Operating the eFoil without a propeller guard may cause bodily injuries or property damage.

EVO PRO / EVO PRO Plus

The 90L Pro/Pro Plus boards are versatile and ideal for riders willing to invest in their skills. Their size and features allow riders to hone their skills without outgrowing the board, making them perfect for continuous improvement.

140min
Max. Runtime

43km/h
Max. Speed

130kg
Max. Load Capacity

2.1h*
Charging Time

6000W
Max. Motor Output

2300Wh*
Battery Capacity



*Battery charging time and runtime vary depending on the specific battery and charger models you choose. For shortest charging time, select the inverter charger.

EVO PRO / EVO PRO Plus

Board Volume: 90 Liters

EVO PRO

Sensors

No

Board GPS

No

EVO PRO Plus

Sensors

Yes

Board GPS

Yes

Specifications

Material	EPP + Aluminum Alloy Frame
Color	Cerulean Blue
Max. Load Capacity	130kg
Max. Motor Output	6000W
Board Weight	8.7kg/10.5kg
Max. Speed	43km/h*
Max. Runtime	140min*
Board Size (L×W×H)	154×67×15cm

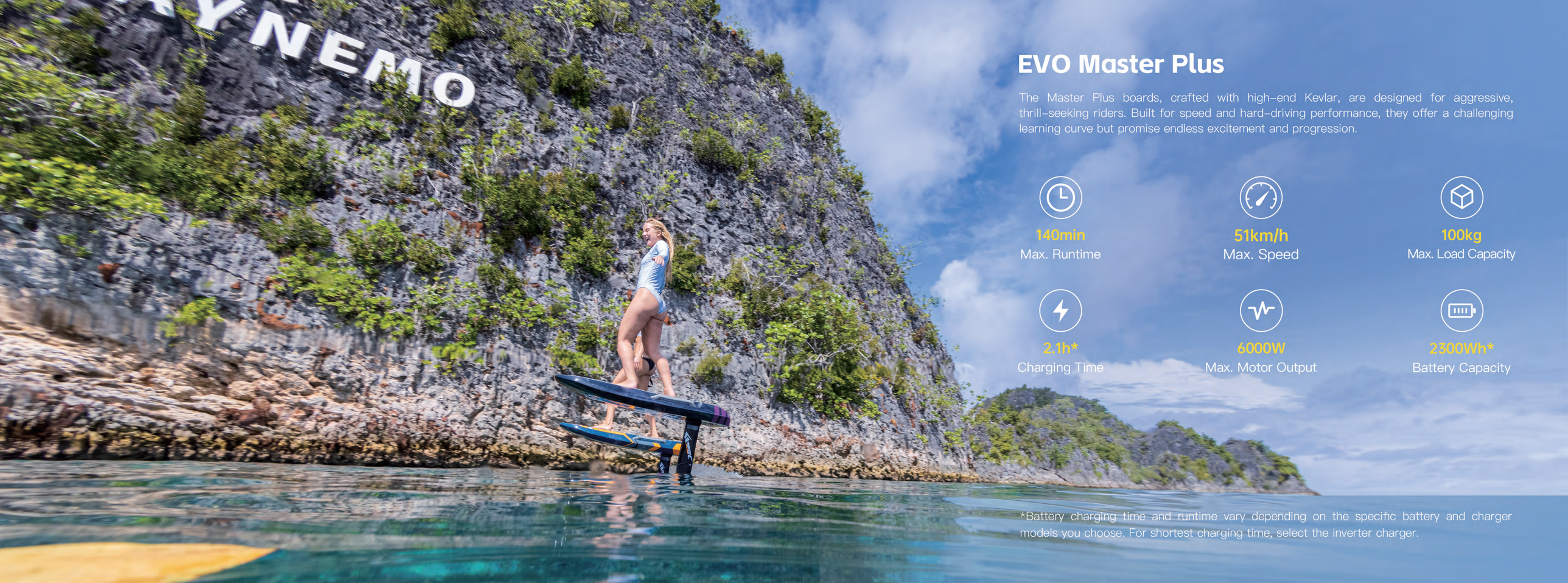
*May vary depending on the eFoil configuration, rider skill level, and water condition.
*The test was done without a propeller guard. For safety reasons, we strongly advise the use of a propeller guard. Operating the eFoil without a propeller guard may cause bodily injuries or property damage.











EVO Master Plus

The Master Plus boards, crafted with high-end Kevlar, are designed for aggressive, thrill-seeking riders. Built for speed and hard-driving performance, they offer a challenging learning curve but promise endless excitement and progression.

140min
Max. Runtime

51km/h
Max. Speed

100kg
Max. Load Capacity

2.1h*
Charging Time

6000W
Max. Motor Output

2300Wh*
Battery Capacity

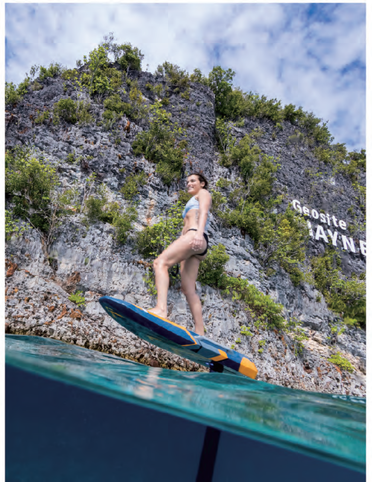
*Battery charging time and runtime vary depending on the specific battery and charger models you choose. For shortest charging time, select the inverter charger.











EVO Master Plus

Board Volume: 75 Liters

Master Plus (Dawn)

Sensors

Yes

Board GPS

Yes

Master Plus (Onyx Black)

Sensors

Yes

Board GPS

Yes

Specifications

Material	Kevlar
Color	Dawn / Onyx Black
Max. Load Capacity	100kg
Max. Motor Output	6000W
Board Weight	11.46kg
Max. Speed	51km/h*
Max. Runtime	140min*
Board Size (L×W×H)	144×62×15cm

*May vary depending on the eFoil configuration, rider skill level, and water condition.
*The test was done without a propeller guard. For safety reasons, we strongly advise the use of a propeller guard. Operating the eFoil without a propeller guard may cause bodily injuries or property damage.


FLYER EVO

POWERFLIGHT BATTERIES

The Flyer EVO offers two battery options: a 1800Wh and a larger 2300Wh capacity, made with high-quality lithium-ion cells encased in robust aluminum alloy. The lighter 1800Wh battery provides agility on the water, while the 2300Wh option offers extended run time. Both batteries feature an LCD monitor for real-time status updates, are IP68 waterproof, and include leak-detection alerts for added reliability. Capable of reverse charging when paired with the inverter charger, they can serve as power sources when paired with the inverter charger. Optical signal transmission ensures stable communication.



Powerflight Battery 18



Powerflight Battery 23

Specifications

Powerflight Battery 18	
Battery Type	Lithium-ion
Waterproof Rating	IP68
Capacity	1800Wh
Weight	15.7kg
Max. Voltage	58.4V
Rated Voltage	50.4V
Size (L×W×H)	43.5×28.8×9.1cm

Powerflight Battery 23	
Battery Type	Lithium-ion
Waterproof Rating	IP68
Capacity	2300Wh
Weight	17.5kg
Max. Voltage	58.4V
Rated Voltage	50.4V
Size (L×W×H)	43.5*28.8*9.1cm

EVO PROPULSION UNITS



EVO Propulsion Unit Standard

- Motor Output: 4000W
- Material: Aluminium Alloy
- Size (L×W×H): 61×16.7×19.9cm



EVO Propulsion Unit Performance

- Motor Output: 6000W
- Material: Aluminium Alloy
- Size (L×W×H): 67.5×16.7×19.9cm



EVO Propulsion Unit Elite

- Motor Output: 6000W
- Material: Aluminium Alloy (CNC)
- Size (L×W×H): 66.5×16.7×19.9cm

The EVO Propulsion Unit comes in three versions: Standard, Performance, and Elite. The Standard unit, with a 4000W power output, is designed for riders up to 130kg and is crafted using the die casting method for reliable performance. Both the Performance and Elite units offer a 6000W power output, capable of propelling weights up to 170kg. The Performance is also die-cast, while the Elite, made using CNC machining, features a sleek, premium appearance. Designed to pair with the 75L Master Plus board, the Elite provides the ultimate eFoiling experience. All units are easy to maintain and upgrade, ensuring a tailored and long-lasting eFoiling journey.





69cm (27”): Crafted from durable aluminum alloy, this mast is the shortest, making it perfect for beginners or casual riders looking for stability and ease of control on the water.

79cm (31”) Carbon: Made from forged carbon fiber, this mast combines lightweight construction with intermediate length, offering riders an optimal balance of agility and stability. It is the perfect all-around choice for riders seeking versatility and performance across all eFoiling conditions.

89cm (35”): Constructed from sturdy aluminum alloy, this mast is the longest option available, providing advanced riders with the additional height needed to execute aggressive turns precisely.

EVO MASTS



EVO 27" Mast

- Weight: 3.55kg
- Mast Height (H): 69cm
- Material: Aluminium Alloy
- Size (L×W×H): 69×24.6×10.4cm



EVO 31" Mast Carbon

- Weight: 2.61kg
- Mast Height (H): 79cm
- Material: Carbon Fiber
- Size (L×W×H): 79×24.6×10.4cm

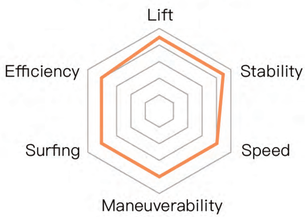


EVO 35" Mast

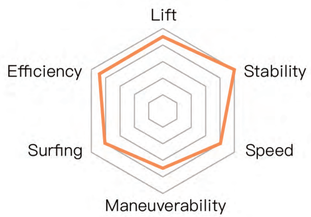
- Weight: 3.93kg
- Mast Height (H): 89cm
- Material: Aluminium Alloy
- Size (L×W×H): 89×24.6×10.4cm

WINGS

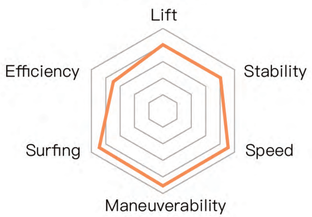
Voyager G1500/C1500



Glider G1500/C1500



Voyager G1100/C1100



EVO Front Wing Voyager G1500

- Material: Fiberglass
- Area: 1642cm²
- Span: 76.5cm
- Aspect Ratio: 4.2
- Weight: 1.7kg



EVO Front Wing Glider G1500

- Material: Fiberglass
- Area: 1440cm²
- Span: 92cm
- Aspect Ratio: 5.8
- Weight: 1.7kg



EVO Front Wing Voyager G1100

- Material: Fiberglass
- Area: 1099cm²
- Span: 63.8cm
- Aspect Ratio: 4.1
- Weight: 1.3kg



EVO Front Wing Voyager C1500

- Material: Carbon Fiber
- Area: 1642cm²
- Span: 76.5cm
- Aspect Ratio: 4.2
- Weight: 1.51kg



EVO Front Wing Glider C1500

- Material: Carbon Fiber
- Area: 1440cm²
- Span: 92cm
- Aspect Ratio: 5.8
- Weight: 1.5kg



EVO Front Wing Voyager C1100

- Material: Carbon Fiber
- Area: 1099cm²
- Span: 63.8cm
- Aspect Ratio: 4.1
- Weight: 1.1kg





EVO Front Wing Voyager G1500/C1500. Slow speed, high stability, suitable for beginners.
Ideal for practicing carving and surfing skills at slow speeds in calm water and small waves.

EVO Front Wing Voyager G1100/C1100. It has the perfect size, suitable for intermediate players.
It has higher flexibility and sufficient stability, and it has a stronger directivity, and the feedback of turning is just right.

EVO Front Wing Glider G1500/C1500. The area is close to Explorer, the airfoil is upgraded to NACA6 series with lower resistance, and the aspect ratio is increased from 4.2 to 5.8, further reducing the resistance.
The well-designed anhedral distribution ensures straight flight stability and better turning controllability.

Surfing Tail322. The area is smaller and the airfoil is changed to a more efficient NACA foil. Tips go up adding lateral stability.
Incidence angle is decreased making your stance more comfortable when turning off the power on waves.

EVO Gliding Tail 320

- Material: PA + Fiberglass
- Area: 320cm²
- Span: 39cm
- Aspect Ratio: 4.7
- Weight: 0.22kg



Surfing Tail 322

- Material: Carbon Fiber
- Area: 320cm²
- Span: 39cm
- Aspect Ratio: 4.7
- Weight: 0.3kg



MOVER

The Mover, a versatile set of wheels compatible with 130L and 90L boards. Designed with fat and durable wheels, it's perfect for navigating sandy and rough terrain, making transporting your Flyer EVO effortless.



Mover-S



Mover-L

Specifications

Mover-S		Mover-L	
Weight	1.76kg	Weight	1.96kg
Material	Aluminium Alloy	Material	Aluminium Alloy
Size (D×H)	ϕ17.8×74.5cm	Size (D×H)	ϕ17.8×86.9cm



POWERFLIGHT CHARGER / POWERFLIGHT INVERTER CHARGER

The Waydoo Flyer EVO offers two chargers with different power capacities. The 600W charger is lightweight and portable, ensuring convenience for on-the-go charging. Meanwhile, the 1500W inverter charger, when paired with the Powerflight battery, serves as a power source for other devices. Notably, it allows users to customize AC output voltage and frequency, providing flexibility in power management.



Powerflight Charger

Specifications

Weight	1.75kg
Supply Voltage	100~240 VAC
Frequency	47~63Hz
Output Voltage	58.8V
Max. Input Wattage	800W
Max. Output Wattage	600W
Charging Current	10A
Size (L×W×H)	23.7×10.4×5.8cm



Powerflight Inverter Charger

Specifications

	Charger	Inverter
Input Voltage	90~264 VAC	40~59 VDC
Frequency	47~63Hz	50~60Hz
Output Voltage	40~59 VDC	110~240 VAC
Output Power	1500W	1500W
Max. Charging Current	30A	
Size (L×W×H)	26.6×14.1×4.4cm	

EVO REMOTE

The upgraded EVO remote features a completely reimagined interface and trigger mechanism for better control and precision on the water. The new design offers a larger control range, enabling smoother and more refined maneuvers. Additionally, the enhanced wrist strap with silicone padding ensures greater comfort and security during your ride.



EVO Remote

Specifications

Charging Time	2h
Waterproof Rating	IP68
Transmission Method	Bluetooth Low Energy (BLE)
Battery Types	Lithium-ion
Charging Method	Magnetic Charging Cable
Screen Type	LCD
Size (L×W×H)	15.3×5.9×11.8cm



PROPULSION OPTIONS

The standard propeller, featuring a high-efficiency propeller, a shroud, and a protective cover, meets diverse user needs effectively. The folding propeller excels in efficiency and power, particularly suitable for agile maneuvers in wave-rich areas, especially with a smaller board and longer mast. Meanwhile, the jet drive option prioritizes safety and smooth power delivery, making it an excellent choice for beginners due to its stability and steady water exit.



Jet Drive

Specifications

Weight	1kg
Material	Aluminium Alloy
Size (D×H)	ϕ11.4×17.3cm



Folding Propeller

Specifications

Weight	0.18kg
Material	Aluminium Alloy
Size (D×H)	ϕ14×6.5cm

EVO SCOOTER KIT

Transform your eFoiling experience with the EVO Scooter Kit, which introduces a scooter form to your 130L Max Plus board. This kit comes with a handlebar that easily attaches to the board's nose, providing exceptional stability and control.



Scooter Kit

OUTBOARD KIT

Though not a new concept, Waydoo sets itself apart by offering the EVO Outboard Kit, allowing the conversion of the Powerflight battery and propulsion unit into a functional outboard motor. This capability extends the Waydoo Flyer EVO's utility, enabling it to propel small watercraft for a diverse range of aquatic activities.



EVO Outboard Kit




FLYER EVO





