



**Committed to the Research & Development of
New Energy Mobility Solutions**

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RICTOR PRODUCT CATALOG

PIONEERING URBAN AIR MOBILITY

**WHY BE
NORMAL** 


WHY BE NORMAL



Rictor's vision is to redefine mobility by overcoming time and space limitations, seamlessly integrating technology with sustainability. We are committed to designing and producing intelligent aircraft that revolutionize the way people travel. Through innovative technology, we aim to provide users worldwide with more convenient, efficient, and eco-friendly mobility solutions.

RICTOR

DISTINCTIVE CHARACTERISTICS & ADVANTAGES OF RICTOR


35%
Core technical staff


80+
Products have been sold to more than 80 countries and regions


2000+
The daily capacity is 2000+ units


28000m²
Production base


**TOP LEVEL
SKILL**


50+
Testing instrument


**PRODUCTS
LABORATORY**


2000m²
Technology research and development center

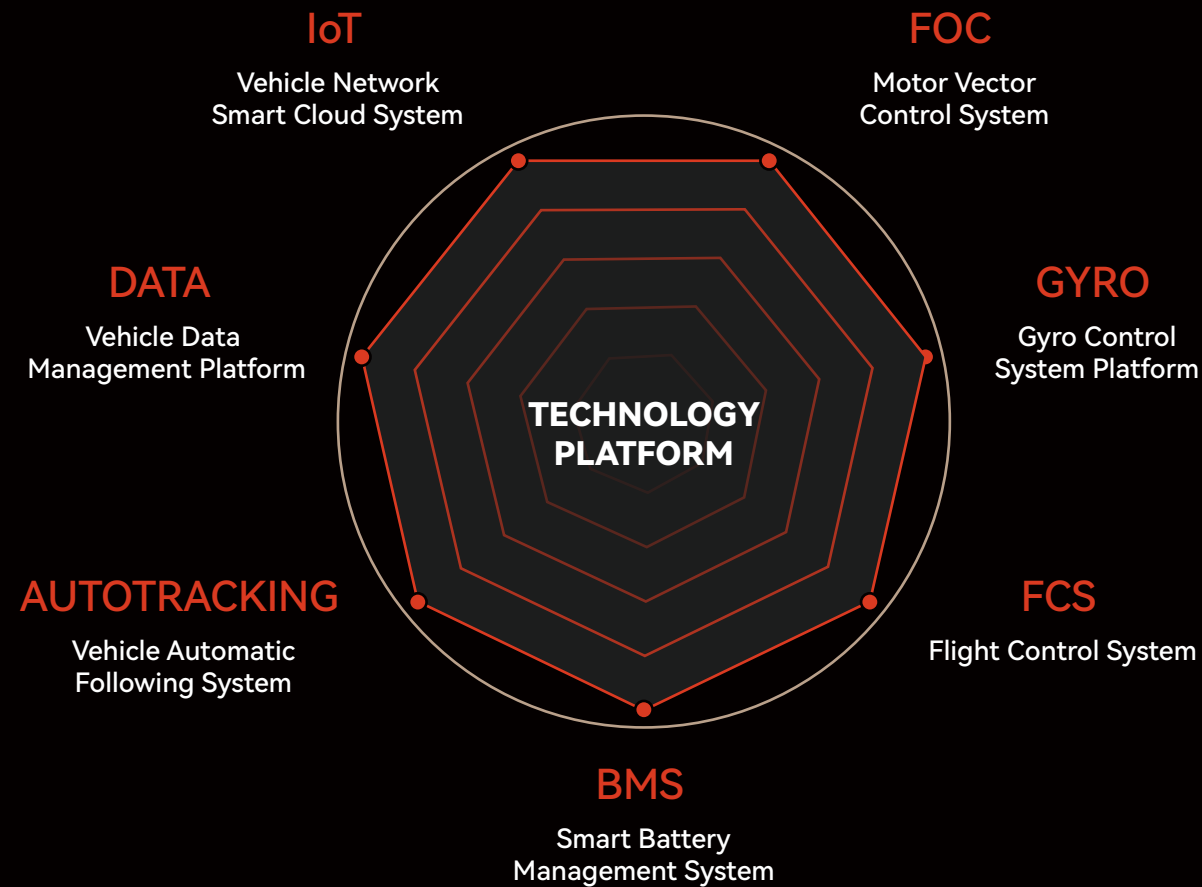
PATENTS & ACHIEVEMENTS

500+
Patents & Certificates
· Core Patents, Inventions Patents
· Utility Model Patents, Design Patents

50+
More than 50
product certificates



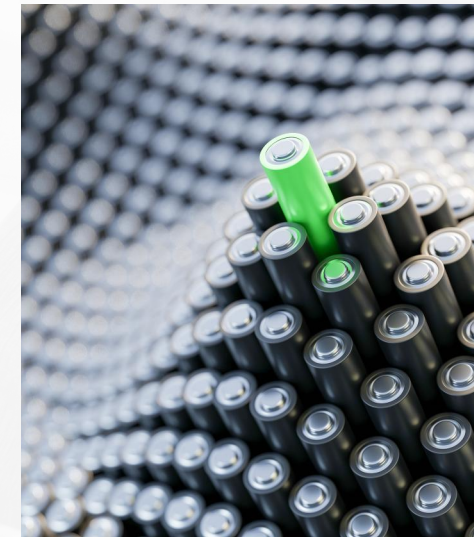
Core Technology



WHY BE
NORMAL

Intelligent Power System

Independent R&D
Integrates Three Electronic Technologies



INTELLIGENT BATTERY

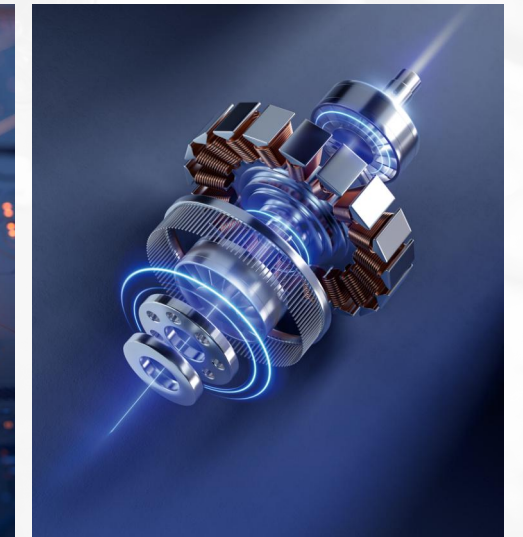
Automotive-grade battery cells with strong power

1. Energy density of up to 400 Wh/kg
2. Highly waterproof and explosion-resistant
3. BMS 3.0
4. OTA



INTELLIGENT ELECTRONIC CONTROL

1. Multi-sensor redundancy with real-time correction algorithms
2. 3 Redundant flight control system, real-time hot backup
3. FOC vector directional control, higher motor response speed



INTELLIGENT MOTOR

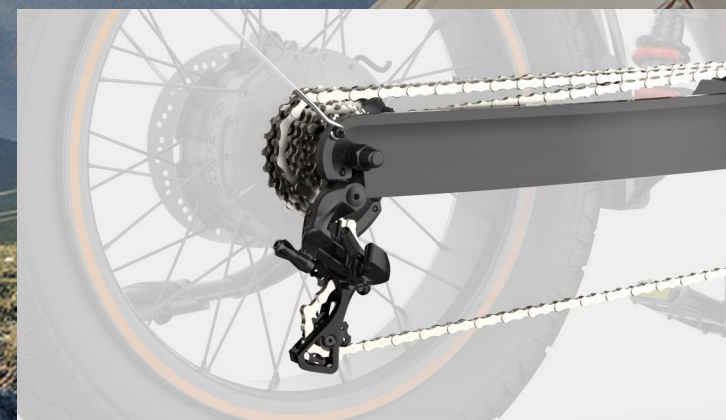
1. Low temperature rise, higher power output
2. More stringent process, can withstand greater impact
3. Higher specifications of materials, can work in a larger temperature range, Bearing both cold and heat temperature

K1 RICTOR Retro E-Bike



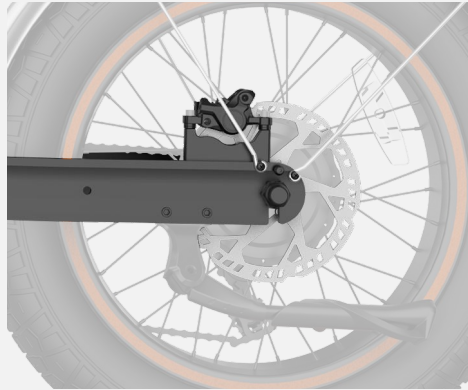
Dual Battery Configuration

The vehicle can be equipped with a second 48V high-capacity battery, providing long range.



Shimano 7-speed gearbox

A leading brand and key supplier, featuring a 7-speed gearbox that significantly improves transmission efficiency, ideal for daily commuting.



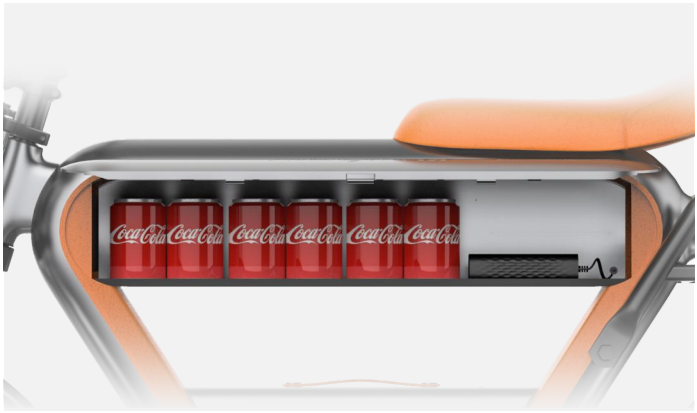
Front and rear hydraulic Disc brake system

180mm thickened and widened disc brake pad makes braking more sensitive and faster. Which makes the braking distance effectively shortened and the braking performance better.



Automatic sensor headlight + Safety taillight

All-weather driving headlights with fluorescent, low-beam, and high-beam functions

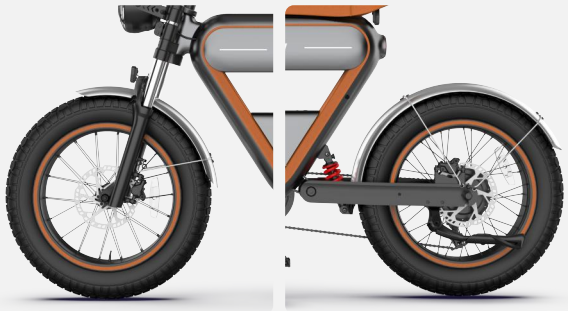


Hidden storage compartment

The spare battery compartment doubles as a storage unit, offering ample space with an elegantly designed integrated lid.

Bluetooth remote control key

Seamless Bluetooth unlocking and remote control access.



20 inch oversized inflatable tires

Use high-performance road tires to increase grip on rain, snow and gravel roads and increase safety.

Built-in iot module



App intelligent interconnection A new way of smart travel

- APP unlock
- Keyless start
- Automatic lock
- Intelligent anti-theft
- Vehicle status
- OTA wireless upgrade
- Riding records
- Riding Footprint



Integrated dashboard

Color screen design, more cool, scientific and technological sense.

Rated Power 250W BAFANG	Max Speed 25km/h	Mileage(single battery) Pure electricity :50km Power :100km	IoT 4G
Battery (Standaard batterij)48V 15Ah (Optionele batterij) 48V 20Ah	Braking system Front and rear hydraulic disc brake system	Waterproof Rating IPX5 (Core parts IPX7)	Net weight 34.5kg

RICTOR

Electric Kart Boat B1

Feel the thrill of
the water ride



Full solid EPP+
Metal Frame

Lightweight and robust
reduces collision risk

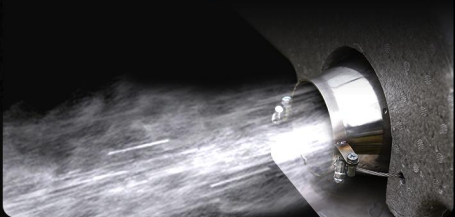


Maximum load
Can accommodate two adults *

150kg



15000W
Rated power



Endurance

70
min



Top speed

45
km/h



Specifications

Maximum speed	45km/h	Cell type	Domestic battery 53Ah(S)/ Samsung 5Ah 21700(H)
Battery capacity	72V/53Ah (S)/72V/80Ah (H)	Cell connection	23S1P (S)/20S16P (H)
Endurance time	40mins (S)/70mins (H)	Battery housing	Metal case
Load	150kg	BMS	Yes
Charging time	~10h (S)/~8h (H)	Motor type	Brushless machine
Dynamic mode	Spray pump	Rated power	15000W
Cooling mode	Water-cooling	Drive control	Vector FOC sine wave
Waterproof class	Battery/Controller/Motor IPX7	Recharger	84V/5A (S) / 84V/10A (H)
Hull material	EPP+Metal skeleton		

RICTOR

Surfmaster S1

Electric Hydrofoil



All-carbon Fiber Process

STABLE

SAFE

REACTIVE



Eva Twill Anti-slip Deck

Oblique Diamond Grain Effectively
Waterproof And Non-slip



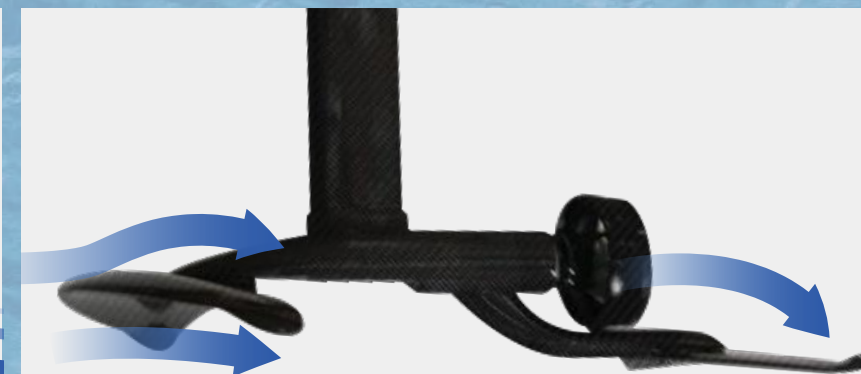
Streamlined Design

The streamlined head makes
turning faster and easier



The Front Wing
Provides Upward Lift

Rear Wing Provides
Downward Pressure
And Is Easy To
Control



RICTOR

Surfmaster S1

Electric Hydrofoil

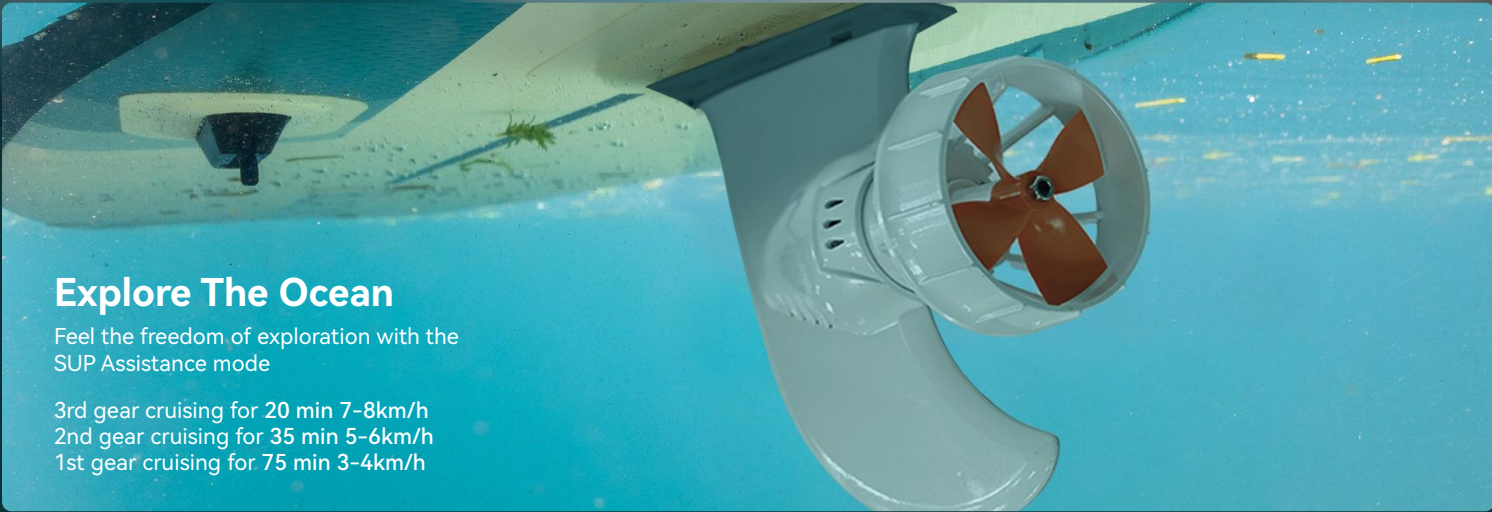


PRODUCT PARAMETER

Surfmaster S1	Standard Edition	Deluxe Edition
Rated power:	6000W	8000W
Peak speed:	35-40KM/H	45KM/H
Running time:	90mins	120mins
Material:	Carbon Fiber	Carbon Fiber
Board weight:	15KGs	15KGs
Max load:	110KGs	120KGs
Remote Control:	Wireless remote controller	Wireless remote controller
Foil size:	Fuselage length: 72cm Front wing length: 80cm Rear wing size: 53cm Mast length: 65cm	Fuselage length: 72cm Front wing length: 80cm Rear wing size: 53cm Mast length: 65cm
Board size:	145cm/155cm/168cm/210cm	145cm/155cm/168cm/210cm
Battery material:	lithium battery	lithium battery
Charge time:	3-5hours for battery or fast charger for option	3-5hours for battery or fast charger for option
Battery life:	800 charge-discharge cycles	1000 charge-discharge cycles
Battery capacity:	48V 30Ah	48V 50Ah
Battery weight:	13KGs	15KGs
Battery size:	45cm*40cm*10cm	45cm*40cm*10cm
Certification:	CE/IP68/MSDS/UN38.3	CE/IP68/MSDS/UN38.3
Warranty policy:	Power system is guaranteed for 12 months and battery for 9 months	Power system is guaranteed for 12 months and battery for 9 months

RICTOR

TAIL PROPELLER



Explore The Ocean

Feel the freedom of exploration with the SUP Assistance mode

3rd gear cruising for 20 min 7-8km/h
2nd gear cruising for 35 min 5-6km/h
1st gear cruising for 75 min 3-4km/h

Hooks Up To Any Sup In 5 Minutes.

Replaceable base: Suitable for most water sports vehicles, such as paddle board (hard board, soft board) kayaking, etc.



Waterproof Battery

Travel-friendly battery designed for safe and hassle-free air transport.



Compatible Accessories



You're In Control

Wireless remote control:
1. Power button control: power on/off,
2. Speed key control: first gear/second gear/third gear

PRODUCT PARAMETER

Motor power:	400W	Battery voltage:	25.2V
Shell size:	260*230* 110MM	Casing Dimensions:	75*52* 145MM
Weight:	1.24KG	Battery weight:	0.78KG
Battery Life:	20-75 minutes	Protection class	IP68 waterproof underwater 2 meters
Moving speed:	4-8KM/H		
Maximum thrust:	8 kg	Maximum USB discharge power:	36W, 5V3A,9V3A, 12 V3A
Battery:	High-rate discharge battery 4000HA	Charging time:	approximately 2 hours
Battery capacity:	88.8WH		

FLYING MOTORCYCLE SKYRIDER X1

FLY BEYOND HORIZONS, SHAPE THE FUTURE.

Rictor's new flying motorcycle represents a disruptive innovation in the field of manned aircraft. As an amphibious manned vehicle, it integrates both land and air functions in one, allowing you to freely ride the infinite possibilities of land and air.



WHY BE
NORMAL 

AMPHIBIOUS PERSONAL VEHICLE



4 AXES 8 PROPELLER



CARBON FIBER COMPOSITE AVIATION ALUMINUM



100km/h

Maximum Flying Speed

40min

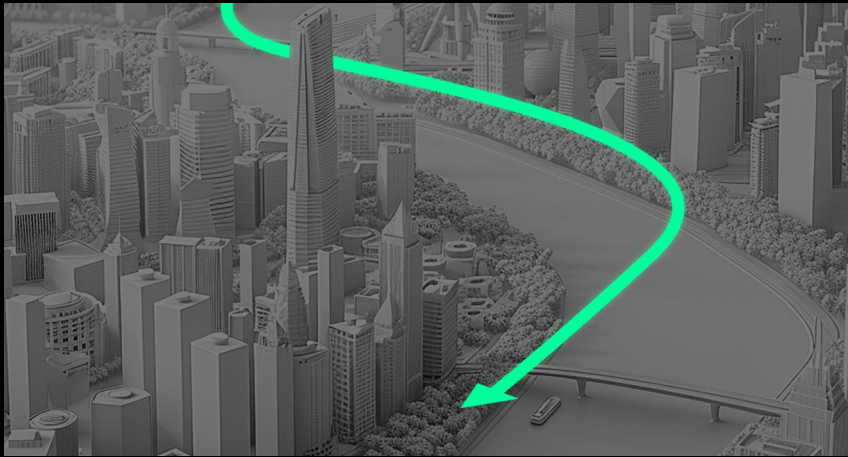
Maximum Flight Time

50kw

Car DC Charging Station

AUTOMATIC ROUTE PLANNING

The aircraft can automatically plan the optimal flight path according to the set target. During flight, the aircraft can automatically adjust flight altitude, speed and direction according to real-time weather and environmental changes, ensuring efficient and safe flight.



AUTOMATIC TAKEOFF & LANDING

To further reduce flight risk, the Rictor is equipped with automatic take-off and landing functions. The pilot only needs to set the destination, and the aircraft will automatically complete the take-off and landing process according to the preset route.

MANUAL CONTROL & JOYSTICK OPERATION

In addition to the highly automated flight system, the Rictor motorcycle also supports manual control, and the pilot can use the joystick for precise control to adapt to different flight needs.



DIGITAL FLIGHT PANEL

All the info you need at a glance. If you can take your eyes off the scenery. Real time flight data, weather, system status it's all here in the flight panel.

SAFETY IS OUR TOP PRIORITY

01
TRIPLE REDUNDANT
FLIGHT CONTROL SYSTEM

02
EVEN IF ONE MOTOR IS LOST,
IT CAN FLY SAFELY

03
BMS BATTERY SAFETY
PROTECTION

04
EQUIPPED WITH SAFETY
PARACHUTE



DETAIL PRESENTATION



PRODUCT PARAMETER

FLYING MOTOR	Skyrider X1 SL	Skyrider X1 SX
Maximum Flying Speed	100km/h	100km/h
Maximum Flight Time	25mins	40mins ⬆
Air Power Mode	4 axes with 8 propeller	4 axes with 8 propeller
Maximum Land Riding Speed	70km/h	70km/h
Land Endurance	100km	180km ⬆
Terrestrial Dynamic Mode	Middle rear-drive	Middle rear-drive
Load	100kg	100kg
Fuselage Structure	Carbon fiber composite &aviation aluminum	Carbon fiber composite &aviation aluminum
Engine Arm	Automatic folding	Automatic folding
Undercarriage	autoscaling	autoscaling
Rated Voltage	350V	350V
Maximum Charging Voltage	412.8 V	412.8 V
Battery Capacity	10.5 Kwh	21Kwh ⬆
Charging Mode	Car DC charging station	Car DC charging station
Maximum Charging Power	24KW	50KW ⬆