



morfuns

CYCLING FUTURE WE INNOVATE



SOLE

Éole , The God of Winds , Originated from Greek Mythology





Design Philosophy

Simple Is Perfect



EOLE S

Carbon Fiber Folding E-bike



EOLE X

Aluminum Folding E-bike



EOLE PRO

Full Suspension Folding E-bike

Morfuns team has always been focusing on designing and manufacturing the best folding e-bikes which can provide our users with the best using experience and better cycling life. That's why EOLE Series was created.

Morfuns EOLE is a very innovative folding electric bike. The overall frame design is integrated, having abandoned the traditional triangle folding frame structure. The tube shape is appropriately bold and corrugated wire is added, so that the main body of the frame is fuller. We also take into account the higher strength requirements of the electric bicycle frame. It is designed to provide commuters in congested cities with a feasible cycling solution, allowing them to fold up their electric bikes and take them to the subway or leave them in the office. It also solves the embarrassment of having no means of transport for the final commute from the station to the destination, allowing you to ride freely! Our bike design adheres to the "modern minimalist" design concept, with low-key luxury colors, smooth and light lines. This folding bike represents a perfect combination of engineering and aesthetics. The golden ratio of 0.618 makes the product a perfect visual proportion, highlighting the excellent texture of the combination of elegance and fashion.

Specialized in The Design and Optimization of "Electric" Bicycles



Many electric bikes on the market are just combination of electric kits and regular bike. In this way, the manufacturer can easily save plenty of costs of molding and R&D. However, these bikes can hardly meet the strength requirement of a real e-bike. In order to maintain the good looking and strong structure, Eole Series uses a high-strength forged aluminum-alloy folding mechanism. While ensuring the longitudinal rigidity, it also provides excellent lateral deformation resistance, making the rigidity of the whole e-bike in all directions perfectly guaranteed.

Most of frame parts, like folding box, main tube, front and rear fork, seat post are exclusive molds possessed by Morfuns.



OLE S

EOLE S: You Can Take It To Everywhere



Light and easy to carry for the folding E-Bike is crucial, the use of carbon fiber material can minimize the weight of EOLE S (14kg) so that it can be easily lifted even by a girl.

Secondly, carbon fiber frame material is stronger than

aluminum in toughness so that the rough roads are filtered in the riding process, taking more into account the comfort of riding. EOLE S can also be easily folded, lifted and stocked. At the same time, there is better riding comfort and more labor-saving.

Hydraulic Brake

Mini Multi-Functional LCD

With total standard hydraulic oil brake, brake distance is shorter which improves the safety of riding.

LCD is also a very important part in a folding e-bike as it is an interface of human-bicycle interaction. Morfuns team chooses the minimum size which is much more suitable for an ultralight folding bike, but sufficient multi-function. Speed, Range, Power, Battery Capacity... Everything is in control!



9S Gear System with High-Torque Inner Rotor Motor



The EOLE S comes with 9 speed gear system that allows it to go as fast as a regular bike without power assistance.

At the same time , i t 's equipped with the inner rotor cassette motor which can reach a maximum output torque of 42N.m, but smaller, lighter, and more suitable for small-wheel folding bike.

Patented Bottle Battery for Extra Range



We have also improved the overall bottom outlet and discharge mode of the battery, which has the power cable connected with the frame.

At the same time, the power cable can also plug forward the bottle battery designed by our independent R&D team, so that the endurance is doubled!



Hidden Cables



Electric bikes have more electronic components, which has led to more cables and wires being used. EOLE has most of the cables going through the frame, which makes the whole frame more concise.

All the holes where the cable travels have been considered during design period, so the risks of strength and waterproof have also been solved in advance.





SOLE

X



EOLE X: Good Balance between Comfortable Riding & Farther Range

EOLE X was created to make up to some riders for the needs that EOLE S could not meet. Since EOLE S pursues extreme lightness, the bike itself does not adopt any form of suspension system. And the overall frame is made of carbon fiber, which makes the total manufacturing cost very high. And for the battery we also choose to use the thinner seat tube battery case, which is much lighter, and makes the range only reach 50-70km.

The battery capacity of EOLE X is about 2.1 times that of EOLE S, which makes the range farther to 130km. The bike adopts the technology of downward welding of aluminum alloy frame. While ensuring the continuity of the overall appearance design of EOLE S, it also adds innovative rubber stick suspension to cushion the impact of the small bumps on urban roads.



Smooth Welding, Hidden Folding Latch

EOLE X has adopted the technique of smooth welding and there is not an obvious crater on the surface. And the frame is built based on the hidden folding box, which makes the whole frame much more stylish. EOLE X frame just shows the workmanship and all details that Morfuns cares for most.



Upgraded Seat Post Battery

The EOLE X has also improved the overall design of the seat post battery:

First of all, we added a power switch on the top to ensure that the power output can be cut off when not in use, so as to improve safety performance.

Secondly, the internal structure of the whole tube has been redesigned, with the latest 21700 cell, so that the battery capacity can reach up to 36V15Ah, which greatly meets the user's demand for long battery life.



EOLE PRO



EOLE PRO:Cycling Border is No Longer Just City


If the EOLE X is designed to be a companion of urban commuting, then EOLE PRO is definitely the king of wilderness!

The release of EOLE PRO makes you no longer limit riding boundaries with urban and parks, but extend to farther suburbs. Even when you are facing the rough and rugged mountains, you can get through with ease and enjoy the fun of riding better.

Meanwhile, the total frame is designed to be high enough to fit riders with the height of 195cm+. Its maximum 15Ah capacity will dispel your concerns of battery life when you are experiencing the 'fast and furious'.



TFT Display

A close-up photograph of a person's hand gripping a bicycle handlebar. Mounted on the handlebar is a rectangular TFT display. The display is illuminated with various colors: blue for the speed '24', orange for the gear indicator '5', and green for the battery level bar at the bottom. The background is dark and out of focus, showing the rest of the bicycle and the rider's hand.

A cycling machine requires a very cool dashboard, which can not only show you each states of your bike, but also have excellent waterproof performance and high brightness under the sunshine. This TFT Display has everything you need. It can deal with any complicated situation. What you need to do is just turn it on.

Front & Rear Suspension Fork, 2.4" Wider Tire

EOLE PRO is an upgraded version based on EOLEX, equipped with both front and rear suspension, and wider (2.4") puncture-resistant tires, helping you conquer more complicated terrains.





SPECIFICATIONS

GENERAL COMPARISON

Product Name	EOLE S	EOLE X	EOLE PRO
Frame Material	Carbon Fiber	Aluminium Alloy	
Front Fork	Carbon Fiber	Magnesium Alloy	Suspension
Weight	14kg	19kg	23kg
Size	152*58*102-109cm	151*58*105-112cm	163*58*110-117cm
Seat Post Height	85-104cm	87-105cm	90-117cm
Range	60km	80-130km	
Suspension	/	Rubber	Full Suspension
Derailleur	L-TWOO Outer 9 Speed 11-32T	L-TWOO 7 Speed 13-28T	L-TWOO Outer 9 Speed 13-32T
Chain Wheel	Prowheel High-end 52T Al-alloy	Prowheel 52T Plastic Cover	
Brake Lever	High-end Oil Hydraulic	Oil Hydraulic	
Saddle	Zeus Sport	Zeus Comfort	
Stem	3D Integrated Forging Al-alloy, Foldable		
Tire	Schwalbe Bigapple 20*2.0"	Innova 20*2.2" with Reflective Stripe	Innova 20*2.4" with Reflective Stripe
Motor	36V 250W Inner Rotor Superlight Moter	36V 250W/350W	
Display	TOPOLOGY Mini LCD	TOPOLOGY TFT	
Controller	Landian FOC 36V14A	DMHC FOC 36V16A	
Sensor	Torque Sensor	Speed Sensor	
Battery	36V 7Ah LG Cells	36V 7.8Ah(Maximum 36V 15Ah LG Cells Optional)	
Max Torque	42N.m	65N.m	





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Welcome to share wonderful moments with us.

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