



EDIURIA E-BIKE

EDIURIA PRODUCT USER MANUAL

EDIURIA
E - B I K E

 **IDIDE**
www.idide.com
www.ediuria.com

AIRUIDE SCIENCE AND TECHNOLOGY CO.,LTD
Airuide Science and Technology Park,jiankang Road,
wanquan Town,Pingyang,wenzhou,zhejiang



EDIURIA E-BIKE

Company Overview

Airuide Technology Co., Ltd. was established in 2017 and is located in Wenzhou, Zhejiang Province, which enjoys a unique geographical advantage and global reputation. The company is dedicated to technological innovation and development, and has launched intelligent two-wheeled travel tools, making travel healthier, more sporty, safer and more fashionable.

As a global intelligent two-wheeled electric vehicle manufacturer, Airuid Technology is a high-tech enterprise integrating R&D, production, sales and service. Through cooperation with many domestic universities, the company has jointly promoted the research and development of innovative products and achieved pioneering results in multiple fields such as smart pedal electric vehicles, smart electric scooters, smart walking tricycles, smart terminal wheelchairs, and fitness and entertainment. Airede Technology adheres to its philosophy to ensure that every user around the world can enjoy a healthy and sporty travel experience.

Corporate Mission

Enable hundreds of millions of people to enjoy safe and healthy sports and travel.

Corporate Vision

Let technological innovation transform travel, making it safe, healthy and sports-oriented, serving everyoneA global user.

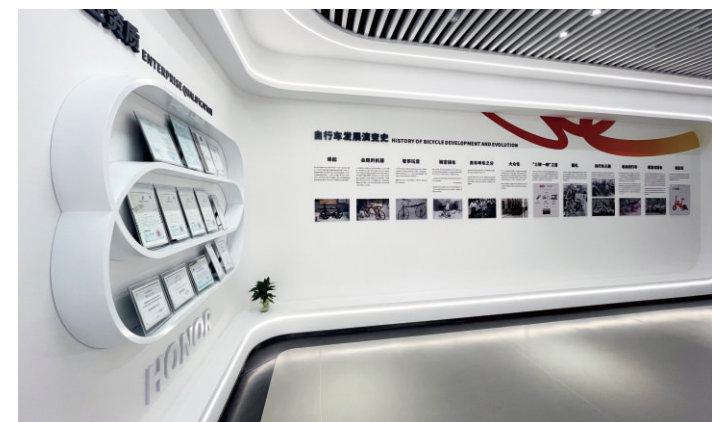
Core values of the enterprise

User-centered, focusing on technological innovation.



Comprehensive Office Building

Cultural Exhibition Hall



PATENT CERTIFICATE



PRODUCT SHOWCASE



PRODUCTION WORKSHOP



EDIURIA E-BIKE

Ediuria Aerobic electric bicycle

- Urban commuting
- Parent-child outdoor activity
- Leisure travel
- Aerobic fitness
- One vehicle for multiple uses



Application Scenarios



Urban Commuting



Family Outdoor Activities



Leisure Travel



Aerobic fitness

Riding Mode



Fitness mode
Transform into a spinning bike to burn calories
Recovery of kinetic energy for power generation



Pure electric cycling
Manual switch control Worry-free outdoor cycling
Enjoy the leisurely time of your trip



Pedal cycling
Four-speed assist
Experience diverse riding pleasures

Vehicle Body Materials

Magnesium alloy body One-piece die-casting molding

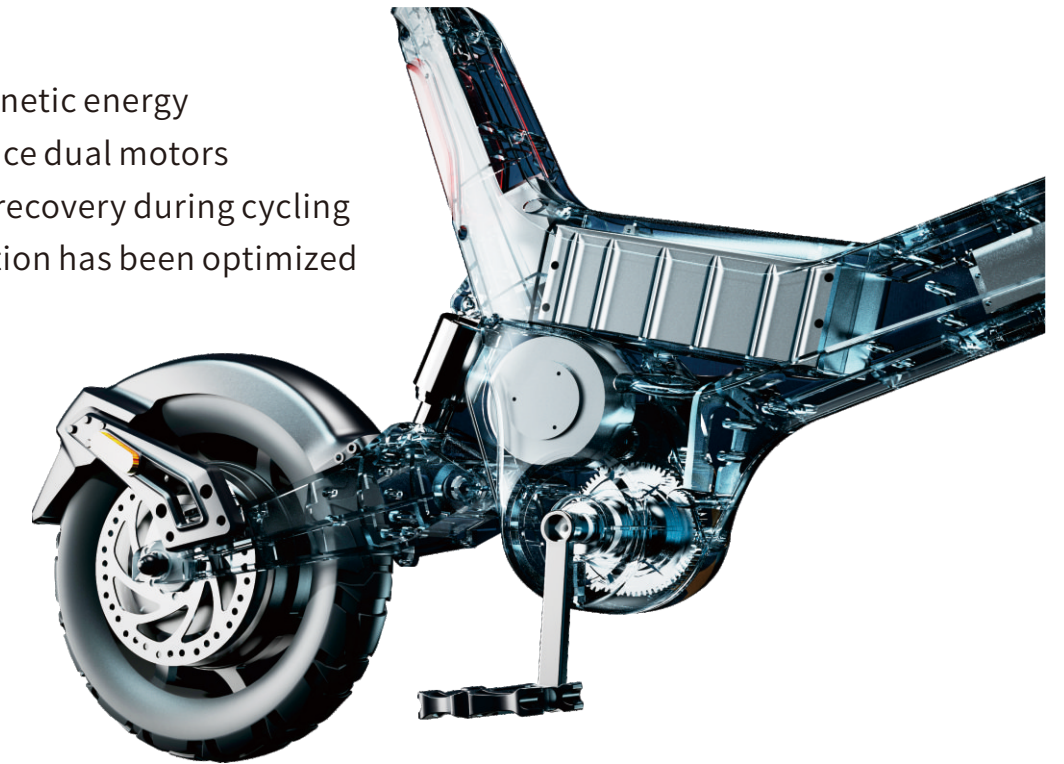
Ergonomic streamlined one-piece design
Combined with the magnesium alloy process
Shape a lightweight body
High flexibility
Safe and fashionable.



Driver Type

Dual-motor drive without chain

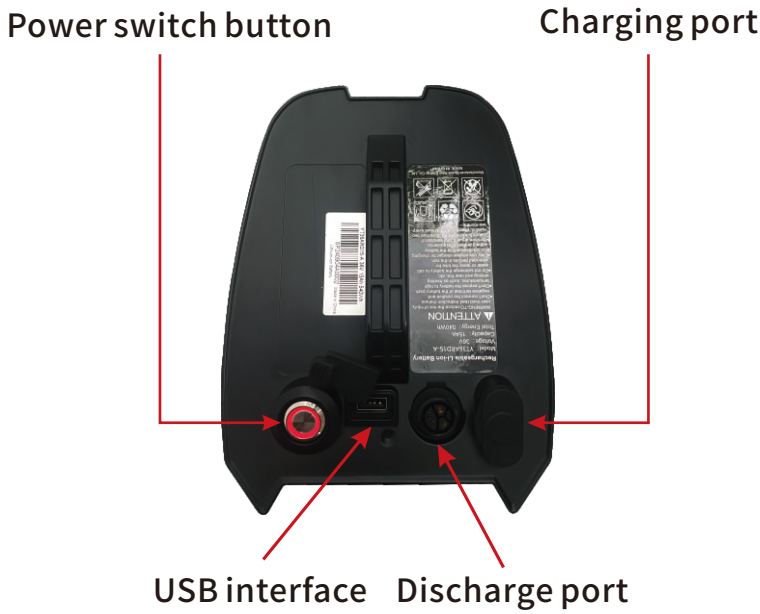
Utilizing Hall induction
Enhance driving capability
Realize the recovery of pedal kinetic energy
Equipped with high-performance dual motors
It can achieve effective energy recovery during cycling
The efficiency of energy utilization has been optimized



Power Supply Type

Multifunctional mobile power supply

Essential for travel, a portable charging device!



Storage Device

Front storage bag

Load and unload as needed, and store more freely!
One package for multiple uses! Instantly transform into an independent small bag, seamlessly switching between commuting, sports, and daily life.

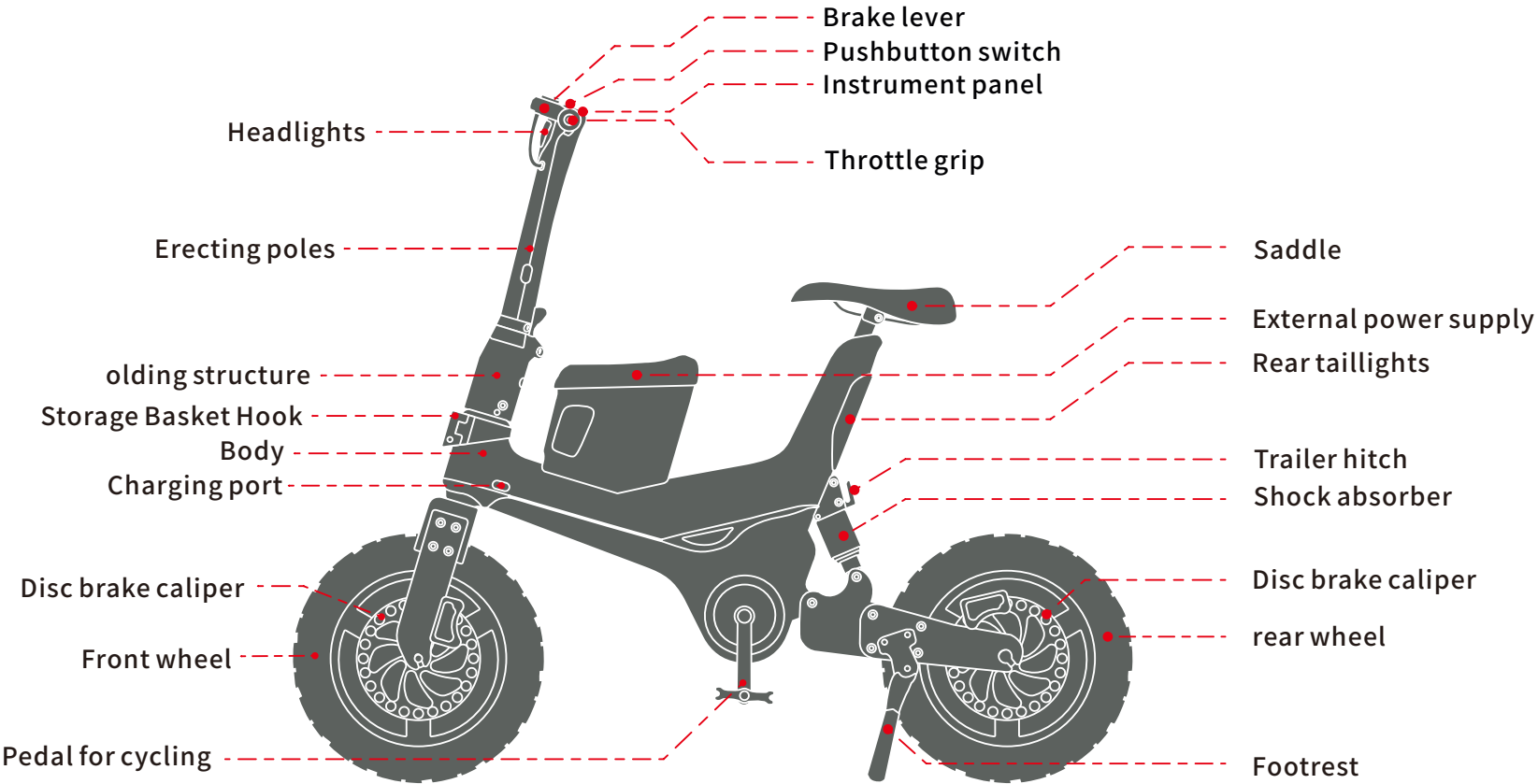


Unfolded size: 28.5X25X35cm

Folded size: 30X35X10cm

Maximum load capacity: 10Kg

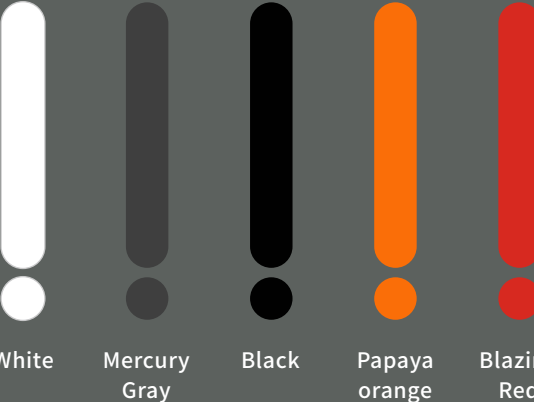
Product Structure Diagram



Product Function Parameters

Model No.	303A
Product size	14inch:1330*650*1050mm/L-W-H
	16inch:1400*650*1120mm/L-W-H
	18inch:1500*650*1170mm/L-W-H
N.W	14inch:30KG / 16inch:31.6KG / 18inch:32.8KG
Wheel diameter size	14 /16/18inch
Driving mode	Pedal/pure electric
Motor type	250W mid- / rear-mounted motor
Maximum speed	25km/h
Cycling gear	M gear fitness mode +1-4 gear cycling mode
Maximum load	120kg
Charging duration	≈ 5h
Shock absorption mode	Rear shock absorber
Battery capacity	15Ah
Battery type	Lithium battery
Battery voltage	36V
Braking mode	Dual oil brakes at the front and rear
Vehicle body material	Magnesium alloy
Folding method	Folding of the pole
Driving range	50-60KM
Climbing ability	<20°

Product color customization



Vehicle Startup Example

After starting the engine, the instrument panel lights up in advance. Sit on the saddle, retract the side stand, and twist the throttle grip downward to begin riding.



Startup/Lockdown Method

- Tap your NFC card to power on. You can unlock and power on your device by tapping your NFC card. Once the power-on self-test completes, you will hear a “beep” sound, indicating successful unlocking.
- * Before riding, check the battery indicator light. If the battery is low, charge it immediately.
- Auto Shutdown: After 6 minutes of inactivity with the vehicle running, the system will automatically shut down.
- Auto-locking rear wheels: When the vehicle is powered off and pushed, the rear wheels automatically lock.



Key Combination Function Description



*By default, the device operates in cycling mode without displaying “M”. When switched to fitness mode, the dashboard displays the letter “M”.

Symbol Marking	Symbol Name	Operating Instructions
	power button	● Tap the power button to activate the meter, and the vehicle enters the power-on state. ● Use the portable NFC card to swipe the sensor area of the meter to unlock the vehicle and enter the riding state. ● Press and hold the power button for 3S, the vehicle enters the shutdown state and the instrument light turns off.
	Lights on/off key	● With the vehicle on, press the power button lightly to turn the headlights and taillights on/off.
	Mode switching key	● When the vehicle is turned on, the default mode is cycling mode. ● Long press the 3S “M” button to switch to fitness mode/riding mode.
	Gear Shift Key	● In cycling mode, every time you press the “M” button, shift gears (0-4 gears). ● In fitness mode, each press of the “M” button shifts the gear (1-4).

Vehicle Folding Example



● Press and hold the red latch button, then flip the folding lever downward.



● At this point, the latch releases, and the folding mechanism is in an openable state.



● Push the folding lever all the way down and hold it in place. The folding mechanism is now fully released.



● Fold the upright pole downward toward the snap button to complete the process.



● The vehicle's appearance after completing the folding of the support pole.

External Power Supply Box Password Reset Guide



● Unlock and open the battery compartment, then locate the small hole on the side of the combination lock.



● Set the correct password, rotate the dial to reveal the small side hole (as shown in the right image)



● Ensure the small hole on the side of the combination lock aligns with the small hole in the lock cylinder.



● Insert the configuration key all the way into the small hole, then you can re-enter the new password.



● After completion, remove the key to finish the password reset.



● Finally, rotate the outer ring of the combination lock back to its original position.

EDIURIA E-BIKE

EB series electric-assisted bicycles

Battery life

25-30km (6.8Ah)

60-70km (13.6Ah)



Power follows your heart, enjoy the ride with vigor!
Let every ride be as you please



Vehicle Body Materials

High-performance chromium-molybdenum alloy frame

Its unique combination of strength and toughness

It can effectively absorb impact energy when a collision occurs.

Resist deformation

Build a rock-solid barrier for occupant protection

Ensure the safety and security of every trip.



Motor, Battery, Electronic Control

The motor, battery and electronic control system are integrated into one

Three-electricity coordination
Empower the ultimate experience
Integrated integrated design
Stable and reliable
Energy-saving and highly efficient



Transmission System

Intelligent torque sensing system

Intelligent algorithm adaptive adjustment
Enhance efficiency and security.



Cycling Seat Cushion

Ergonomic seat cushion

Adjustable ergonomic seat cushion—comfort defined by you!
Say goodbye to backaches and stiffness—every cushion understands you!



Foot Support

Electromagnetic induction foot support

Magnetic attraction transient stability
Respond promptly
Intelligent assist switch
Convenient start



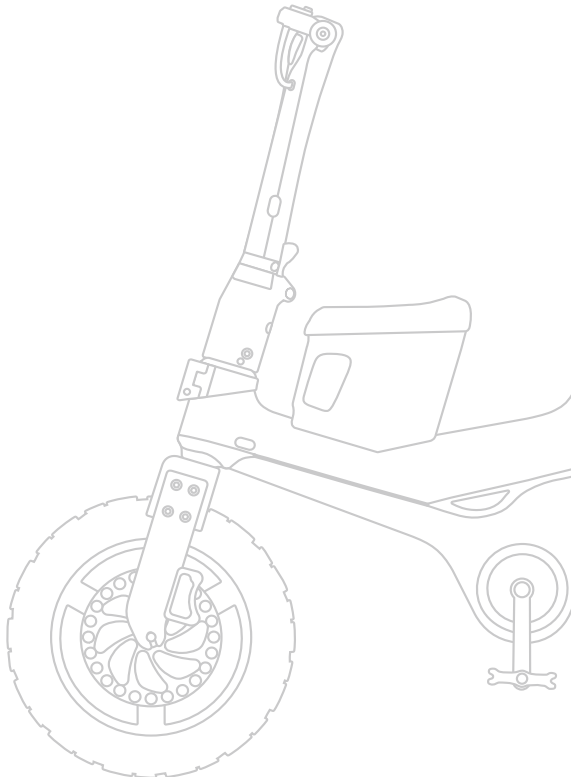
Product Parameters



Model No.	EB 20 / 26
N.W	20inch:13.5KG / 26inch:16KG
Wheel diameter size	20/26inch
Driving mode	Chain/electric assist
Motor type	250w rear-mounted motor
Motor, battery, electronic control	Three-in-one
Maximum load	100kg
Charging duration	≈3.5h / 7h
Battery capacity	6.8Ah / 13.6Ah
Battery type	Lithium battery
Battery voltage	33.6V
Braking mode	Dual disc brakes at the front and rear
Vehicle body material	Molybdenum alloy
Horizontal bar length	620/690mm
Driving range	≈30Km / 60Km

PRODUCT WARRANTY CARD

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PRODUCT WARRANTY CARD

User Name :

User Phone Number:

User Address:

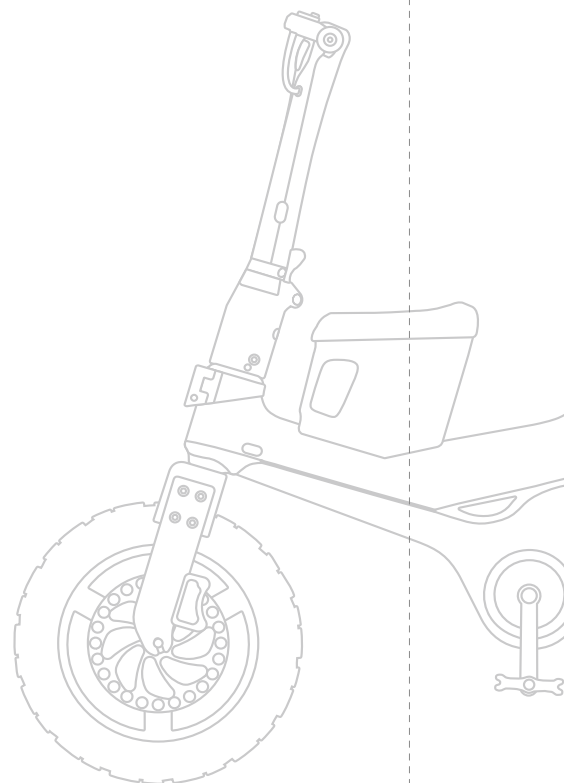
Product Name :

Product Model :

Vehicle Identification Number :

Date of Sale :

Dealer :



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