

**Youin BK3200L**

# Youin Everest Electric Mountain Bike User Manual

Model: BK3200L

## 1. INTRODUCTION

Welcome to the Youin Everest Electric Mountain Bike user manual. This guide provides essential information for the safe and efficient operation, maintenance, and care of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference.

The Youin Everest is designed for both mountain adventures and urban routes, offering a robust aluminum alloy frame, front suspension, and powerful electric assistance to enhance your riding experience.



Figure 1: The Youin Everest Electric Mountain Bike, showcasing its sleek design and robust frame.

## Safety Guidelines

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Ensure all components are properly assembled and secured before each use. Adhere to local traffic laws and regulations. Avoid riding under the influence of alcohol or drugs.

## 2. SETUP AND ASSEMBLY

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Your Youin Everest electric bike may require some assembly upon arrival. Follow these general steps to prepare your bike for its first ride.

### 2.1 Unpacking and Initial Inspection

1. Carefully remove the bicycle and all components from the packaging.
2. Inspect for any visible damage during transit. Contact customer support immediately if you find any issues.
3. Verify all parts listed in the packing list are present.

### 2.2 Handlebar and Seatpost Installation

- Attach the handlebar to the stem, ensuring it is centered and the bolts are tightened securely.
- Insert the seatpost into the frame and adjust the saddle height for a comfortable riding position. Ensure the quick-release lever or bolt is firmly secured.

### 2.3 Pedal Attachment

- Identify the left (L) and right (R) pedals. The left pedal has a reverse thread.
- Thread the pedals into the crank arms by hand, then tighten firmly with a wrench.

### 2.4 Battery Installation and Initial Charge

The Youin Everest features a removable LG 36V 14Ah battery. For optimal performance and longevity, fully charge the battery before its first use.

- Insert the battery into its compartment on the frame. Ensure it clicks securely into place.
- Connect the charger to the battery charging port and then to a power outlet.
- Allow the battery to charge completely. The indicator light on the charger will change when charging is complete.

### 2.5 Tire Inflation and Brake Check

- Inflate the 29-inch tires to the recommended pressure indicated on the tire sidewall.
- Test both front and rear mechanical disc brakes to ensure they engage properly and provide sufficient stopping power. Adjust if necessary.

## 3. OPERATING YOUR ELECTRIC BIKE

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Understanding the controls and features of your Youin Everest will enhance your riding experience.

### 3.1 Powering On/Off and Display



Figure 2: Close-up of the Youin Everest's handlebars, showing the LCD display and control buttons for electric assistance.

- To power on the bike, press and hold the power button on the LCD display unit located on the handlebars.
- The LCD display will show your speed, battery level, and current assistance mode.
- To power off, press and hold the power button again.

### 3.2 Electric Assistance Modes

The Youin Everest features a 250W motor with five levels of pedal assistance, allowing you to adjust the power output based on terrain and your preference. Use the '+' and '-' buttons on the control panel to cycle through the assistance modes.

- **Mode 0:** No electric assistance.
- **Mode 1-5:** Increasing levels of assistance, with Mode 5 providing the maximum power.

The bike can reach speeds of up to 25 km/h with electric assistance.

### 3.3 Gear Shifting

Your Youin Everest is equipped with a 21-speed gear system. Use the shifters on the handlebars to change gears, adapting to different inclines and speeds. Shift smoothly to avoid strain on the drivetrain.

### 3.4 Braking System



Figure 3: Detail of the Youin Everest's rear wheel, highlighting the mechanical disc brake and double-walled aluminum rim.

The bike features Ruipute DSC-730A mechanical disc brakes on both front and rear wheels for reliable stopping power in various conditions. Apply both brakes simultaneously for effective and controlled deceleration. Avoid sudden, hard braking, especially at high speeds.

### 3.5 Riding Tips



# Cómoda y estable en cualquier superficie



Figure 4: A rider comfortably navigating terrain on the Youin Everest, demonstrating its stable and comfortable ride.

- Start in a lower assistance mode and gradually increase as needed.
- Anticipate stops and brake early.
- Maintain a comfortable cadence by shifting gears appropriately.
- Be aware of your surroundings and other road users.

## 4. MAINTENANCE

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Regular maintenance is crucial for the longevity and safe operation of your Youin Everest electric bike.

### 4.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

- If storing for extended periods, charge the battery to approximately 50-70% every 2-3 months.

## **4.2 Cleaning**

- Clean the bike regularly with a damp cloth and mild soap. Avoid high-pressure washers, especially near electrical components.
- Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.

## **4.3 Tire and Brake Inspection**

- Check tire pressure before each ride.
- Inspect tires for wear, cuts, or embedded objects.
- Regularly check brake pads for wear and ensure brake levers provide firm and consistent braking.

## **4.4 General Checks**

- Periodically check all bolts and fasteners for tightness.
- Ensure the quick-release mechanisms are secure.
- Inspect the suspension fork for proper function and cleanliness.

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**TALLERES  
YOUIN SERVICE  
A TU  
DISPOSICIÓN**

Adquiere una bicicleta Youin y obtén una **revisión gratuita en los primeros 30 días** en cualquier punto de asistencia Youin Service.



## Calidad española en Europa

Nuestros laboratorios en España cuentan con un equipo especializado en I+D que diseña bicicletas de primera calidad distribuidas en diversos países de la Unión Europea.

Figure 5: Map indicating the availability of Youin Service workshops for maintenance and support.

Youin offers a network of over 100 Youin Service workshops. You are entitled to a free revision within the first 30 days at any authorized Youin Service point.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Youin Everest electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed.	Ensure battery is fully charged and securely seated in its compartment. Check connections.
Motor not assisting	Assistance mode is 0, or a sensor issue.	Increase assistance mode using the '+' button. Check for any error codes on the display.



Problem	Possible Cause	Solution
Brakes feel weak	Worn brake pads or loose cable.	Inspect brake pads for wear and replace if necessary. Check brake cable tension and adjust.
Gears are not shifting smoothly	Dirty chain or misaligned derailleur.	Clean and lubricate the chain. If issues persist, a professional adjustment may be needed.

For complex issues or if troubleshooting steps do not resolve the problem, please contact Youin customer support or visit an authorized Youin Service workshop.

## 6. SPECIFICATIONS

Detailed technical specifications for the Youin Everest Electric Mountain Bike (Model BK3200L).

Feature	Specification
Model Number	BK3200L
Motor Power	250W
Max Speed (Assisted)	25 km/h
Battery Type	LG 36V 14Ah (Removable)
Max Range	Up to 65 km
Wheel Size	29 inches
Frame Material	Aluminum Alloy
Suspension Type	Front Suspension (100 mm travel)
Brake Type	Mechanical Disc Brakes (Ruipute DSC-730A)
Gear System	21 Speeds
Product Weight	27 kg
Recommended User Height (Size L)	1.65 to 1.78 m

## 7. WARRANTY AND SUPPORT

Youin is committed to providing high-quality products and excellent customer service.

### 7.1 Warranty Information

Your Youin Everest Electric Mountain Bike comes with a standard manufacturer's warranty covering defects in materials and workmanship under normal use. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

### 7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Youin customer support through the

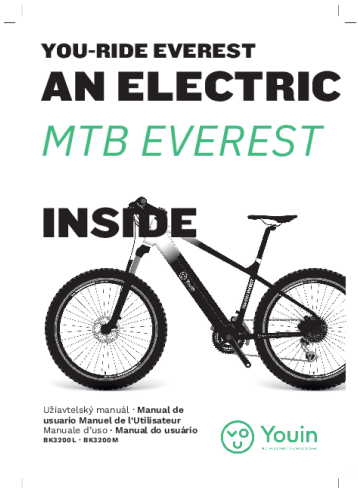


official website or the contact information provided with your purchase. Our team is ready to assist you.

Remember to register your product online to receive updates and support.

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BK3200M YOUmove YOUup YOUdown YOUfold YOUtravel YOUrule Thanks for  
choosing our product. Have fun with this electric bike. 2 YOU-RIDE EVEREST  
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