

## EVERCROSS EV06M

# EVERCROSS EV06M Electric Balance Bike for Kids Instruction Manual

Model: EV06M

## 1. INTRODUCTION

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Thank you for choosing the EVERCROSS EV06M Electric Balance Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your electric balance bike. Please read this manual thoroughly before first use and retain it for future reference. Ensure all users understand the instructions and safety warnings.

## 2. SAFETY INFORMATION

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**WARNING: Failure to follow these safety instructions could result in serious injury or death.**

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Adult supervision is required at all times.
- Do not ride in traffic, on public roads, or near motor vehicles.
- Ride only in safe, open areas free from obstacles and hazards.
- Ensure the rider's age and weight are within the recommended limits (Ages 3+).
- Check all components, including brakes, tires, and battery, before each ride.
- Keep hands and feet away from moving parts.
- Do not modify the electric balance bike. Any modifications can compromise safety and void the warranty.
- Avoid riding in wet conditions, on steep inclines, or at night.

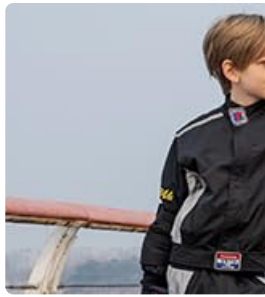


Image: A child wearing a helmet and protective gear demonstrates safe riding practices on the EV06M electric balance bike.

### 3. PACKAGE CONTENTS

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Carefully unpack all items and ensure you have received all parts listed below. If any parts are missing or damaged, contact customer support immediately.

- EVERCROSS EV06M Electric Balance Bike (main frame with motor and battery)
- Handlebar Assembly
- Seat Post with Seat
- Front Wheel
- Charger
- Tool Kit
- Lock
- User Manual (this document)

### 4. SETUP AND ASSEMBLY

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Follow these steps to assemble your EVERCROSS EV06M Electric Balance Bike. It is recommended that an adult performs the assembly.

1. **Attach the Front Wheel:** Insert the front wheel into the fork. Secure it using the provided axle bolts and washers. Ensure the wheel spins freely and is properly aligned.
2. **Install the Handlebar:** Insert the handlebar stem into the head tube of the frame. Adjust the height to a comfortable position for the rider. Tighten the stem bolts securely using the included tool kit. Ensure the handlebar is straight and does not rotate independently of the front wheel.
3. **Mount the Seat:** Insert the seat post into the seat tube on the frame. Adjust the seat height so the rider can comfortably place both feet flat on the ground while seated. Secure the seat post with the quick-release clamp or bolt.
4. **Initial Charge:** Before first use, fully charge the battery. Connect the charger to the charging port on the bike and then to a power outlet. The indicator light on the charger will change (e.g., from red to green) when charging is complete.
5. **Pre-Ride Check:** Before every ride, ensure all bolts are tight, tires are properly inflated (check recommended PSI on tire sidewall), brakes are functioning, and the battery is sufficiently charged.



Image: A close-up view of the 12-inch wear-resistant tire and front fork, illustrating a key component for assembly.

## 5. OPERATING INSTRUCTIONS

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Familiarize yourself with the controls and operation of the EV06M electric balance bike.

### 5.1 Power On/Off

- To turn on the bike, press and hold the power button located on the handlebar or battery pack until the indicator lights illuminate.
- To turn off, press and hold the power button again until the lights turn off.

### 5.2 Riding the Bike

- **Balance First:** Encourage the rider to practice balancing and pushing off with their feet without power until they are comfortable.
- **Engage Power:** Once balanced, the rider can gently twist the throttle (if applicable) or use the power button to engage the motor. The EV06M features 5 speed settings, allowing for gradual progression. Start with the lowest speed setting.
- **Braking:** The bike is equipped with disc brakes. Instruct the rider to use the brake levers gently and smoothly to slow down and stop.
- **Terrain:** The 12-inch wear-resistant tires are designed to handle diverse terrain, including grassy and rugged surfaces. Always ensure the riding surface is safe and clear of hazards.



Image: A child confidently riding the EV06M electric balance bike, demonstrating its use in an outdoor setting.



Image: Multiple children riding the EV06M on different surfaces, highlighting its versatility on diverse terrain.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric balance bike.

- **Cleaning:** Wipe the bike with a damp cloth after each use. Do not use high-pressure water or harsh chemicals. Ensure the charging port is dry before charging.
- **Battery Care:** Charge the battery fully after each use. If storing for an extended period, charge the battery every 30 days to maintain its health. Do not overcharge or completely drain the battery.
- **Tire Pressure:** Check tire pressure regularly and inflate to the recommended PSI (usually found on the tire sidewall).
- **Brake Inspection:** Periodically check brake pads and cables for wear and proper adjustment. Adjust or replace as needed.
- **Fasteners:** Regularly check all nuts, bolts, and fasteners to ensure they are tight.
- **Storage:** Store the bike in a cool, dry place away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your EV06M, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bike does not turn on	Battery is low or dead Power button not pressed correctly Loose connections	Charge the battery fully Press and hold the power button firmly Check all visible cable connections
Motor not engaging	Battery is low Throttle issue Safety cut-off engaged	Charge the battery Ensure throttle is not stuck; contact support if unresponsive Ensure rider is on the bike and all safety conditions are met

Problem	Possible Cause	Solution
Reduced range or speed	Low battery charge Under-inflated tires Riding conditions (uphill, heavy load)	Fully charge the battery Inflate tires to recommended PSI Adjust riding style or terrain
Brakes feel weak	Brake pads worn Brake cable loose	Inspect and replace brake pads if worn Adjust brake cable tension

If the problem persists after attempting these solutions, please contact EVERCROSS customer support.

## 8. SPECIFICATIONS

Key technical specifications for the EVERCROSS EV06M Electric Balance Bike:

- **Model:** EV06M
- **Bike Type:** Balance Bike
- **Motor Power:** 100W
- **Battery Voltage:** 24V
- **Wheel Size:** 12 Inches (Inflatable Tire)
- **Number of Speeds:** 5
- **Max Speed:** Approximately 9.3 MPH
- **Max Range:** Approximately 10 KM (60-minute continuous ride)
- **Frame Material:** Iron
- **Suspension Type:** Rigid
- **Brake Style:** Disc
- **Special Feature:** Rechargeable
- **Recommended Age Range:** Kids (Ages 3+)



Image: A detailed view of the EV06M's lower section, highlighting the 24V high-efficiency motor and 12-inch wear-resistant tires.

## 9. WARRANTY AND SUPPORT

EVERCROSS products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official EVERCROSS website. If you have any questions, require technical assistance, or need to report a problem, please contact EVERCROSS customer support through the retailer where the product was purchased or via the contact information provided on the EVERCROSS official website.

**Contact Information:** Please refer to your purchase documentation or the EVERCROSS official website for the most current customer support contact details.