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EVERCROSS EV12M

EVERCROSS EV12M Electric Motorcycle for Kids

INSTRUCTION MANUAL

Model: EV12M | Brand: EVERCROSS

1. INTRODUCTION AND SAFETY WARNINGS

This manual provides essential information for the safe assembly, operation, and maintenance of your EVERCROSS EV12M Electric Motorcycle. Please read it thoroughly before first use and retain it for future reference.

Important Safety Information:

- **Adult Supervision Required:** This electric motorcycle is designed for children but requires constant adult supervision during assembly and operation.
- **Two-Adult Assembly:** The electric motorcycle is heavy. Ensure that assembly is performed carefully by two adults.
- **Pre-Ride Check:** Verify that the vehicle is correctly assembled and all components are secure before each ride.
- **Protective Gear:** Always ensure the rider wears appropriate safety gear, including a helmet, knee pads, and elbow pads.
- **Weight Limit:** Do not exceed the maximum load capacity of 65 kg.
- **Age Range:** Suitable for children aged 36 months to 14 years, or 110cm and taller.

2. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present:

- EVERCROSS EV12M Electric Motorcycle Body
- Handlebar
- Front Wheel
- Front Fender
- Charger

- Accessory Kit (tools, screws)
- Instruction Manual



Figure 2.1: The EVERCROSS EV12M Electric Motorcycle in Red.

3. SETUP AND ASSEMBLY

Assembly requires careful attention. It is recommended that two adults perform the assembly.

3.1 Handlebar Installation

1. Insert the handlebar into the front fork.
2. Align the handlebar and secure it by tightening the screws clockwise using the provided tools.

3.2 Front Fender Installation

1. Align the front fender with the mounting points on the front fork.
2. Secure the fender by tightening the screws clockwise.

3.3 Front Wheel Installation

1. Remove the front wheel axle components from the wheel.
2. Position the front wheel between the front fork.
3. Reinstall the axle components, ensuring they are properly aligned and securely tightened.

3.4 Kickstand Installation

1. Attach the kickstand to its designated mounting point on the frame.
2. Secure it firmly with the provided screws.

3.5 Initial Charging

Before first use, fully charge the battery. Locate the charging port, open the rubber plug, and connect the charger. The indicator light on the charger will change when fully charged.



Figure 3.1: Overview of the EVERCROSS EV12M Electric Motorcycle and its features.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls before riding.

4.1 Power On/Off

- To power on, long-press the power button on the handlebar. The power display will illuminate.

- To power off, long-press the power button again.

4.2 Speed Modes

The EV12M features 3 preset speed modes, easily switchable via a button on the side panel. Parents can manage this system to ensure a balance between safety and skill development.

- **Low Speed (L):** Approximately 8 km/h (5 MPH)
- **Medium Speed (M):** Approximately 12 km/h (7.5 MPH)
- **High Speed (H):** Maximum speed (up to 25 km/h)

4.3 Throttle and Braking

- **Throttle:** Gently twist the right handlebar grip to accelerate.
- **Braking:** The motorcycle is equipped with a drum brake system. Squeeze the brake lever on the left handlebar to engage the brake. Test the brake function before each ride.



Figure 4.1: Handlebar controls and speed mode selector.



Figure 4.2: The EV12M offers a long range for extended fun.

5. MAINTENANCE

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

5.1 Cleaning

- Wipe the motorcycle with a damp cloth after each use. Avoid using harsh chemicals or excessive water.
- Do not use high-pressure water jets to clean the motorcycle, as this can damage electrical components.

5.2 Tire Care

- Check tire pressure regularly and inflate to the recommended PSI (refer to tire sidewall for details).
- Inspect tires for wear and tear, and replace if necessary. The 12-inch wear-resistant rubber wheels provide strong grip.

5.3 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.



Figure 5.1: The 12-inch inflatable tires are designed for various terrains.

6. TROUBLESHOOTING

If you encounter issues, refer to this section for common problems and solutions.

6.1 No Power

- Check if the battery is charged.
- Ensure all connections are secure.
- Verify the power button is pressed correctly.

6.2 Motor Not Engaging

- Ensure the throttle is fully engaged.
- Check the speed mode setting; start with a lower speed.

6.3 Braking Issues

- Inspect the brake lever and cable for damage or looseness.
- Ensure the drum brake mechanism is clean and free of obstructions.

For persistent issues, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	EV12M
Motor Power	300 W
Battery	36V 4Ah Lithium Ion
Max Range	Up to 15 km
Speed Modes	3 (Low, Medium, High)
Tire Size	12 inches
Max Load Capacity	65 kg
Recommended Rider Height	110 cm or more
Recommended Age	36 months - 14 years
Product Dimensions	110 x 60 x 70 cm
Product Weight	18.49 kg
Material	Rubber (tires)
Color	Red



FOR RIDERS 110CM & UP



Figure 7.1: EVERCROSS EV12M dimensions and recommended rider height.

8. WARRANTY AND SUPPORT

Your EVERCROSS EV12M Electric Motorcycle comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, spare parts, or any inquiries, please contact EVERCROSS customer service through the retailer where you purchased the product or visit the official EVERCROSS website.