Eldryvon EV03

Eldryvon EV03 Electric Mobility Scooter User Manual

Model: EV03

1. Introduction

This manual provides essential information for the safe and efficient operation of your Eldryvon EV03 Electric Mobility Scooter. Please read this manual thoroughly before operating the scooter and retain it for future reference. The EV03 is a 4-wheel electric mobility scooter designed for adults and seniors, featuring a 350W motor, detachable battery, rotating seat, and a foldable design for convenience.

2. Safety Information

Your safety is paramount. Always adhere to the following guidelines:

- **Read the Manual:** Familiarize yourself with all controls and features before first use.
- **Pre-Ride Check:** Before each use, ensure the battery is charged, tires are in good condition, and all components are securely fastened.
- **Weight Capacity:** Do not exceed the maximum weight capacity of 300 lbs (136 kg).
- **Speed Control:** Always operate the scooter at a safe speed, especially in crowded areas or on uneven terrain.
- **Terrain:** Exercise caution on slopes, uneven surfaces, and avoid excessively rough terrain. The scooter is designed to handle slopes up to 15 degrees.
- **Visibility:** Use the front light and horn as needed to ensure visibility and alert others.
- **Stability:** Avoid sharp turns at high speeds to prevent tipping. The rear anti-tip wheels enhance stability.
- **Charging:** Only use the provided power adapter for charging. Do not attempt to modify the battery or charger.
- **Children and Pets:** Keep children and pets away from the scooter during operation and charging.

3. Setup and Assembly

The Eldryvon EV03 is designed for straightforward assembly. Follow these steps to get your scooter ready for use:

3.1. Unboxing and Component Check

Carefully remove all components from the packaging. Verify that all items listed below are present:

- 1x Main Body
- 1x Seat

- 1x 15Ah Battery
- 1x Front Basket
- 1x Rear Basket
- 1x Power Adapter
- 1x User Manual and Toolkit
- 1x Headlight
- 2x Armrests

3.2. Assembly Steps

1. **Unfold the Tiller:** Carefully raise the tiller (handlebar assembly) from its folded position until it locks into place. Ensure it is securely upright.
2. **Attach the Seat:** Insert the seat post into the receptacle on the main body. Push down firmly until it is fully seated. The seat can be adjusted for height and rotated for easy entry/exit.
3. **Install Armrests:** Slide the armrests into their designated slots on either side of the seat. Tighten the knobs to secure them in place.
4. **Attach Baskets:** Hook the front basket onto the front of the tiller assembly. Attach the rear basket to the designated mounting points at the back of the seat.
5. **Insert Battery:** Ensure the 15Ah detachable battery is correctly inserted into its compartment.

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Video: Installation & Operating Instructions of EV02/03 - Eldryvon. This video demonstrates the assembly and basic operation of the Eldryvon EV03 mobility scooter.



Image: The Eldryvon EV03 scooter can be easily disassembled into four main parts for convenient storage and transport.

4. Operating Instructions

Operating your Eldryvon EV03 is intuitive. Familiarize yourself with the controls before driving.

4.1. Controls Overview



Image: Detailed view of the scooter's control panel, highlighting key operational buttons and levers.

- **Key Switch:** Insert the key and turn to the 'ON' position to power on the scooter.
- **Power Indicator:** Displays the current battery level.
- **Speed Adjustment Knob:** Rotate to increase or decrease the maximum speed.
- **Control Levers:** Use the left lever for reverse and the right lever for forward motion. Releasing the levers activates the electromagnetic brake.
- **Horn Button:** Press to sound the horn.
- **Front Light Button:** Press to turn the front LED light on/off.

4.2. Driving

Once powered on, gently press the right control lever to move forward. For reverse, gently press the left control lever. Adjust the speed using the speed adjustment knob to suit your environment and comfort. The scooter has a top speed of 7 MPH.

4.3. Charging the Battery

The 15Ah battery is detachable for convenient charging. To charge:

1. Turn off the scooter using the key switch.
2. Remove the battery pack from its compartment.
3. Connect the power adapter to the battery pack's charging port.
4. Plug the power adapter into a standard wall outlet.
5. The indicator light on the charger will show charging status (typically red for charging, green for fully charged).
6. Once fully charged, disconnect the charger and reinsert the battery pack into the scooter.

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Video: Product Installation Instructions. This video provides a visual guide to the installation process, including battery handling.

4.4. Folding and Disassembly

For transport or storage, the EV03 can be quickly disassembled:

1. Remove the front and rear baskets.
2. Remove the armrests.
3. Remove the seat.
4. Fold down the tiller.
5. The main body can then be folded for a compact size.

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Video: Installation & Operating Instructions of EV02/03 - Eldryvon. This video also demonstrates the folding and disassembly process.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using harsh chemicals or excessive water.
- **Battery Care:** Charge the battery regularly, even if not in frequent use, to maintain its lifespan. Store the battery in a cool, dry place.
- **Tires:** Check tires for wear and tear. The solid tires do not require air pressure checks.
- **Connections:** Periodically check all electrical connections and fasteners to ensure they are secure.

6. Troubleshooting

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

- **Scooter Not Powering On:**
  - Ensure the key is fully inserted and turned to the 'ON' position.
  - Check if the battery is properly inserted and fully charged.
- **Scooter Not Moving:**
  - Verify the scooter is powered on and the battery indicator shows sufficient charge.
  - Ensure the control levers are fully engaged.
  - Check if the freewheel lever (if present) is in the 'drive' position.
- **Reduced Range/Speed:**
  - The battery may need a full charge or its capacity might be diminishing over time.
  - Ensure the speed adjustment knob is set to the desired speed.

- Operating on steep inclines or rough terrain can reduce range and speed.

7. Specifications

Feature	Specification
Model Number	EV03
Motor Power	350W
Battery	15Ah (Detachable)
Top Speed	7 MPH
Max Range	15 Miles
Max Slope Capacity	15°
Weight Capacity	300 lbs
Item Weight	88 Pounds
Product Dimensions	43"D x 18.5"W x 38.6"H
Material	Metal
Manufacturer	Shenzhen Fumanqian Intelligent Technology Co., Ltd

8. Warranty and Support

For warranty information, customer support, or to purchase replacement parts, please contact Eldryvon-Direct, the seller, or the manufacturer, Shenzhen Fumanqian Intelligent Technology Co., Ltd. Refer to your purchase documentation for specific warranty terms and contact details.

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