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› Ecomobi MS02 4-Wheel Mobility Scooter User Manual

Ecomobi WYAC-MS02PRO-BLUE-15AH

Ecomobi MS02 4-Wheel Mobility Scooter User Manual

MODEL: WYAC-MS02PRO-BLUE-15AH | BRAND: ECOMOBI

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Ecomobi MS02 4-Wheel Mobility Scooter. Please read this manual thoroughly before using the scooter to ensure proper handling and to maximize its lifespan.



Figure 1: Ecomobi MS02 4-Wheel Mobility Scooter

2. Product Features

- **Ergonomic and Foldable Design:** Easily disassembles into 4 separate pieces for convenient transport and storage. Features a foldable tiller, removable seat, and detachable front and rear baskets.
- **Detachable Battery:** 15Ah battery with power-off protection for safe and easy charging.
- **Comfortable Seating:** Height-adjustable seat and armrests that can be elevated and pivoted. The seat rotates 360 degrees for easy entry and exit.
- **Safety Features:** Equipped with a front anti-collision bar, rear anti-tip wheels, front light, rearview mirrors, and a horn that sounds automatically when backing up.
- **Responsive Control System:** Intuitive controls for forward and reverse navigation, with a customizable speed setting up to 7 MPH.
- **Durable Construction:** Robust frame and control system designed for long-term performance and daily use.

Easy to move

Weight only 58 pounds after removing the right three sections



Maximum Speed
7 Mph

Weight Limit
300 Pounds

Range
Up to 15 Miles

Figure 2: Scooter Dimensions and Component Weights

3. Setup Guide

3.1 Unboxing and Initial Assembly

Upon receiving your Ecomobi MS02 Mobility Scooter, carefully unpack all components. The package includes the main body, seat, 15Ah battery, front basket, rear basket, power adapter, user manual, toolkit, headlight, and two armrests. Note that the 15Miles Standard version does not include an extra battery or mirror.

1. Place the main body of the scooter on a flat, stable surface.
2. Attach the tiller to the main body, ensuring it is securely locked into place.
3. Install the seat onto the designated post, ensuring it clicks firmly.
4. Connect the 15Ah battery to the scooter's power port. Ensure the connection is secure and the power-off protection feature is engaged.
5. Attach the front basket to the front of the tiller.

6. Attach the rear basket to the back of the seat post.
7. Adjust the armrests to your preferred height and pivot them as needed.



Figure 3: Simple Assembly and Folding Steps

3.2 Charging the Battery

Before first use, fully charge the 15Ah battery. Connect the power adapter to the scooter's charging port and then to a standard wall outlet. The power indicator on the tiller will show the charging status. Disconnect once fully charged.

4. Operating Instructions

4.1 Controls Overview

The Ecomobi MS02 features an intuitive control panel located on the tiller. Familiarize yourself with the following controls:

- **Key Switch:** Turns the scooter on/off.
- **Power Indicator:** Displays the current battery level.

- **Speed Adjustment Dial:** Allows customization of speed settings up to 7 MPH.
- **Left Control Lever:** Engages forward motion.
- **Right Control Lever:** Engages reverse motion.
- **Horn Button:** Activates the horn.
- **Front Light Button:** Turns the front headlight on/off.



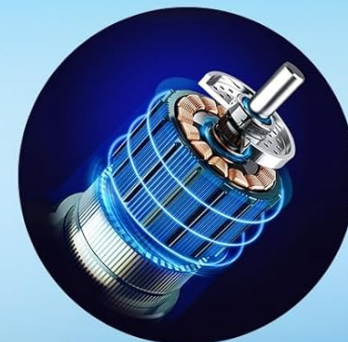
Figure 4: Control Panel Layout

4.2 Adjusting Seating and Armrests

For optimal comfort and accessibility, adjust the seat and armrests as follows:

- **Seat Height:** Use the lever beneath the seat to adjust its height to a comfortable position.
- **Seat Rotation:** The seat can rotate 360 degrees. Use the rotation lever to turn the seat for easy entry and exit.
- **Armrest Adjustment:** Armrests can be elevated and pivoted to suit individual user needs.

Customized Adjustment



350W
Brushless Motor



Three Height Adjustments



Seat Rotation



Armrest Width



Liftable Armrests

Figure 5: Seating and Armrest Adjustments

4.3 Driving the Scooter

To drive the scooter:

1. Insert the key into the key switch and turn it to the 'ON' position.
2. Adjust the speed dial to your desired speed setting.
3. To move forward, gently press the left control lever. To move in reverse, gently press the right control lever. Release the lever to stop.
4. Use the horn button as needed to alert others.
5. Turn on the front light for visibility, especially in low-light conditions.

Note: Actual speed may vary due to factors such as road conditions, weight load, battery level, tire wear, vehicle maintenance, and ambient temperature.



Figure 6: All-Terrain Capability (up to 15° incline)

5. Safety Guidelines

Your Ecomobi MS02 Mobility Scooter is designed with safety in mind. Always adhere to the following guidelines:

- Always ensure the scooter is stable before mounting or dismounting.
- Be aware of your surroundings and potential obstacles.
- Do not exceed the maximum weight capacity.
- Avoid sudden stops or turns, especially at higher speeds.
- Ensure the battery is properly charged before extended use.
- Utilize the front light for visibility during dawn, dusk, or night.
- The horn automatically sounds when backing up as a safety reminder.

For Your Safety



High brightness LED headlights



Anti-slip tires



Power-off protection



Brake system



Rear anti-roll wheel



Front anti-collision beam

Figure 7: Key Safety Features

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Ecomobi MS02 Mobility Scooter.

- **Cleaning:** Wipe down the scooter regularly with a damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Battery Care:** Keep the battery charged. If storing for an extended period, ensure the battery is fully charged and periodically recharge it to maintain its health.
- **Tire Inspection:** Periodically check tire pressure and tread wear. Ensure tires are properly inflated for optimal performance and safety.
- **Component Check:** Regularly inspect all moving parts, including the tiller, seat mechanism, and baskets, for any signs of wear or damage. Ensure all connections are secure.
- **Handle Material:** The handle is made from a durable, sunscreen-resistant, and non-slip material. Keep it clean to maintain grip.

High Quality Handle Material

Will not be corroded and sun cracked



Resist High Temperature



Waterproof



Corrosion Resistant

Figure 8: Durable Handle Material

7. Troubleshooting

If you encounter any issues with your Ecomobi MS02 Mobility Scooter, please refer to the following general advice. For persistent problems, contact customer support.

- **Scooter not turning on:** Ensure the key is fully inserted and turned to the 'ON' position. Check the battery level and ensure it is charged and properly connected.
- **Reduced speed or range:** This may indicate a low battery charge. Fully recharge the battery. Also, check tire pressure and ensure no excessive weight is being carried.
- **Unusual noises:** Stop the scooter immediately and inspect for any loose parts or obstructions. Do not operate if unusual noises persist.

For any issues not covered here, or for further assistance, please contact Ecomobi customer support.

8. Specifications

Feature	Specification
Product Dimensions	48.75"D x 19.7"W x 37.5"H (48.75 x 19.7 x 37.5 inches)
Item Model Number	WYAC-MS02PRO-BLUE-15AH
Manufacturer	Shenzhen Mobility Intelligent Technology Co., Ltd
Item Weight	97 Pounds
Color	Red
Style	MS02 Red - 15Miles (Standard)
Battery Capacity	15Ah (detachable)
Maximum Speed	Up to 7 MPH
Weight Limit	300 Pounds (implied from image)
Range	Up to 15 Miles (implied from image)

9. Warranty and Support

Ecomobi is committed to providing premium service and support for your mobility scooter.

- **Return Policy:** One-month free return policy for quality-related issues from the date of purchase.
- **Guarantee:** One-year guarantee from the date of purchase.
- **Technical Support:** Lifetime technical support and expert assistance for all Ecomobi products.
- **Customer Service:** Our dedicated customer service team is available 24/7 to assist you throughout the year.

For assistance, please contact Ecomobi customer service via email or phone:

Email: ECOMOBICLUB@OUTLOOK.COM

Service Tel: +1(833)866-8282 (Available Mon-Fri, 9AM-6PM EST)



Figure 9: Ecomobi Customer Support Information

