Ecomobi MS02PRO-30Miles

Ecomobi MS02PRO-30Miles Electric Mobility Scooter User Manual

Model: MS02PRO-30Miles | Brand: Ecomobi

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Ecomobi MS02PRO-30Miles Electric Mobility Scooter. Please read this manual thoroughly before using your scooter to ensure proper understanding of its features and functions.

The Ecomobi MS02PRO-30Miles is a 4-wheel electric mobility scooter designed for adults and seniors, offering extended range and enhanced comfort. It features a powerful motor, adjustable seating, and a foldable design for convenient transport.



Image: The Ecomobi MS02PRO-30Miles Electric Mobility Scooter, showcasing its design and features.

2. Safety Information

Always prioritize safety when operating your mobility scooter. Adhere to all local traffic laws and regulations. Failure to follow safety guidelines may result in injury or damage.

- Always wear appropriate safety gear, such as a helmet, if required by local regulations or for personal preference.
- Ensure the scooter is fully charged before each use, especially for long trips.
- Do not exceed the maximum weight capacity of 300 lbs.
- Avoid operating the scooter under the influence of alcohol or medication that may impair judgment.
- Exercise caution on uneven terrain, slopes, and wet surfaces. The scooter can climb slopes up to 15 degrees.
- Regularly inspect tires, brakes, and battery connections for proper function.

- Use the horn to alert pedestrians and other vehicles when necessary.
- Ensure all components are securely fastened before operation.



Image: Key safety features of the Ecomobi MS02PRO-30Miles, including LED headlights, anti-slip tires, and power-off protection.

3. Package Contents and Setup

3.1. Package Contents

Upon unpacking, verify that all the following components are included:

- 1 x Main Body of Scooter
- 1 x Seat
- 2 x 25Ah Battery (may be shipped separately)
- 1 x Front Basket
- 1 x Rear Basket
- 1 x Power Adapter

- 1 x User Manual and Toolkit
- 1 x Headlight
- 2 x Armrests

3.2. Assembly and Initial Setup

The Ecomobi MS02PRO-30Miles is designed for easy assembly and disassembly, allowing for convenient transport. Follow these steps for initial setup:

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Attach the Seat:** Insert the seat post into the designated slot on the scooter's main body. Secure it firmly.
3. **Install Armrests:** Attach the armrests to the seat frame, ensuring they are locked into place.
4. **Connect the Battery:** Locate the battery compartment. Insert the 25Ah battery and connect the power cables. Ensure a secure connection. The battery is detachable for easier charging.
5. **Attach Baskets:** Secure the front basket to the tiller and the rear basket to the back of the seat.
6. **Adjust Tiller:** Adjust the foldable tiller to a comfortable height and lock it in position.
7. **Initial Charge:** Before first use, fully charge the battery using the provided power adapter.



Image: Visual guide for simple disassembly and folding of the scooter, demonstrating its portability.



Image: Dimensions and weight distribution of the scooter, illustrating its compact design and ease of transport.

4. Operating Instructions

4.1. Control Panel Overview

Familiarize yourself with the control panel before operating the scooter.



Image: Detailed view of the scooter's control panel, indicating the function of each button and lever.

- **Key Switch:** Turns the scooter power on/off.
- **Power Indicator:** Displays the current battery level.
- **Speed Adjustment Knob:** Controls the maximum speed of the scooter (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 LED headlight on/off.

4.2. Starting and Driving

1. **Power On:** Insert the key into the key switch and turn it to the 'ON' position. The power indicator will illuminate.
2. **Adjust Speed:** Use the speed adjustment knob to set your desired maximum speed. Start with a lower speed setting until you are comfortable.
3. **Engage Motion:** Gently press the left control lever for forward movement or the right control lever for reverse.

Release the lever to engage the automatic brake system.

4. **Steering:** Use the tiller to steer the scooter in the desired direction.
5. **Stopping:** Release the control levers to bring the scooter to a stop. For immediate stopping, apply the manual brake if equipped.
6. **Power Off:** When finished, turn the key switch to the 'OFF' position and remove the key.

4.3. Adjusting for Comfort

The scooter offers several adjustments to enhance user comfort:

- **Seat Height:** Adjust the seat height to ensure a comfortable and ergonomic riding position.
- **Armrests:** The armrests can be elevated and pivoted for easy entry and exit, and their width can be adjusted.
- **Seat Rotation:** The seat can rotate to the side, facilitating easier transfers on and off the scooter.



Image: Customization options for the seat and armrests, designed for optimal user comfort.

4.4. Terrain and Performance

Equipped with a robust 350W motor and 9-inch anti-slip tires, the MS02PRO-30Miles is capable of handling varied terrains and climbing slopes up to 15 degrees. The 25Ah battery provides a range of up to 30 miles on a single charge.



Image: The scooter navigating an incline, highlighting its performance on various terrains.

5. Battery Charging and Maintenance

5.1. Charging the Battery

The 25Ah battery is detachable for convenient charging. It features power-off protection for safety.

1. Ensure the scooter is turned off before charging.
2. You can charge the battery while it is installed in the scooter or remove it for off-board charging.
3. Connect the power adapter to the charging port on the battery or scooter.
4. Plug the power adapter into a standard electrical outlet.
5. The charging indicator on the adapter will show the charging status (e.g., red for charging, green for fully charged).
6. Once fully charged, disconnect the power adapter from the outlet and then from the battery/scooter.

Important: Only use the Ecomobi-provided power adapter for charging to prevent damage and ensure safety.

5.2. General Maintenance

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using harsh chemicals or direct water spray.
- **Tires:** Regularly check tire pressure and tread wear. Maintain recommended tire pressure for optimal performance and safety.
- **Connections:** Periodically inspect all electrical connections and fasteners to ensure they are secure.
- **Storage:** Store the scooter in a dry, cool place when not in use. If storing for an extended period, ensure the battery is fully charged and periodically recharge it to maintain battery health.

6. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery not connected, battery discharged, key not in 'ON' position.	Ensure battery is connected, charge battery, turn key to 'ON'.
Scooter moves slowly or lacks power.	Low battery charge, speed setting too low, excessive load.	Charge battery, adjust speed knob, reduce load.
Brakes are not engaging properly.	Control levers not fully released, brake system issue.	Ensure levers are fully released. If issue persists, contact support.

If you experience any issues not covered in this table, please refer to the Warranty and Support section for assistance.

7. Specifications

Feature	Detail
Model Number	MS02PRO-30Miles (MS02 Pro New Upgraded)
Brand	Ecomobi
Motor Power	350W (up to 500W peak)
Battery Capacity	25Ah
Max Range	Up to 30 Miles
Max Speed	7 MPH
Load Capacity	300 lbs
Climbing Angle	Up to 15°
Product Dimensions	55"D x 20.5"W x 43"H (55 x 20.5 x 43 inches)
Item Weight	112 Pounds (total)
Material	Aluminum

Feature	Detail
Style	Lightweight / Foldable / Long Range / Detachable Battery

8. Warranty and Support

Ecomobi is committed to providing high-quality products and excellent customer service. Please ensure your purchase is made directly from "Ecomobi" to guarantee eligibility for our support services.

- **Return Policy:** One-month free return policy for quality-related issues from the date of purchase.
- **Warranty:** One-year warranty on all Ecomobi products from the date of purchase.
- **Technical Support:** Lifetime technical support and expert assistance are available.

Contact Information:

Online Mail Service: ECOMOBICLUB@OUTLOOK.COM

Service Telephone: +1 (833) 866-8282 (Available Monday-Friday, 9 AM-6 PM EST)

Our dedicated customer service team is available 24/7 to assist you throughout the year.

9. Environmental Responsibility

Ecomobi is committed to environmental sustainability. Our products are designed with eco-conscious innovation, utilizing recycled materials and safer chemicals. We also prioritize worker well-being in our manufacturing processes, certified by the Global Recycled Standard.



Image: Ecomobi's commitment to Climate Pledge Friendly practices.

© 2025 Ecomobi. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question