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Ecomobi MS02-F

Ecomobi MS02-F Foldable Mobility Scooter User Manual

Model: MS02-F

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Ecomobi MS02-F Foldable Mobility Scooter. Please read this manual thoroughly before using the scooter and retain it for future reference. The Ecomobi MS02-F is designed to offer enhanced mobility and convenience for adults and seniors, featuring a lightweight, foldable design and a powerful motor.

2. Safety Information

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

- **Weight Capacity:** Do not exceed the maximum weight recommendation of 330 pounds (150 kg).
- **Speed Control:** Always operate the scooter at a safe speed, especially in crowded areas or on uneven terrain. The maximum speed is 5 miles per hour.
- **Braking:** The scooter is equipped with an electromagnetic brake system. Release the throttle to engage the brakes.
- **Stability:** Be cautious when turning, especially at higher speeds or on inclines. The scooter has a 43-inch turn radius for maneuverability.
- **Incline Limits:** The scooter can handle a climbing angle of up to 15 degrees. Avoid steeper inclines.
- **Battery Safety:** Use only the provided charger and battery. Do not expose the battery to extreme temperatures or puncture it.
- **Environmental Conditions:** Avoid operating the scooter in heavy rain, snow, or on icy surfaces.
- **Folding:** Ensure the scooter is completely powered off and stable before attempting to fold or unfold it.

3. Setup and Assembly

Follow these steps to set up your Ecomobi MS02-F scooter:

1. **Unboxing:** Carefully remove all components from the packaging.
2. **Unfolding the Scooter:** The MS02-F features a fully folding design. Gently unfold the scooter until it locks into its operational position. Ensure all locking mechanisms are secure.
3. **Battery Installation:** Locate the battery compartment. Insert the lithium-ion battery securely. The battery is removable for

convenient charging.

4. **Seat and Armrest Adjustment:** Attach the seat cushion and backrest. Adjust the seat height and armrests to a comfortable position using the adjustment knobs.
5. **Basket Installation:** Attach the front basket clips to the handlebar stem and secure the basket.
6. **Handlebar Adjustment:** Adjust the handlebar height for optimal comfort and control.



Image: The Ecomobi MS02-F scooter in the process of being unfolded, showcasing its compact design.



Image: A sequence of images demonstrating the folding process of the Ecomobi MS02-F scooter and its compact storage in a car trunk.

Your browser does not support the video tag.

Video: This video provides a detailed guide on the operation and installation of the Ecomobi MS02-F scooter, covering assembly steps and initial setup.

4. Operating Instructions

Familiarize yourself with the control panel and operating procedures:

1. **Power On/Off:** Insert the key into the ignition and turn it to the 'ON' position to power on the scooter. Turn to 'OFF' to power down.
2. **Speed Adjustment:** Use the speed adjustment knob on the control panel to select your desired speed. The scooter offers variable speed settings.
3. **Forward/Reverse:** Use the forward lever (typically on the right) to move forward and the reverse lever (typically on the left) to move backward. Release the lever to stop.
4. **Horn:** Press the horn button to alert others.
5. **Headlights:** Use the light switch key to turn the LED headlights on or off for visibility.
6. **Maneuvering:** Steer the scooter using the handlebars. The 43-inch turning radius allows for easy navigation in tight spaces.



Image: A close-up view of the Ecomobi MS02-F control panel, highlighting the speed adjustment knob, key switch, horn, headlight switch, and forward/reverse levers.

Your browser does not support the video tag.

Video: This video demonstrates the Ecomobi scooter in various settings, showcasing its ease of use and maneuverability for daily activities.

5. Maintenance

Regular maintenance ensures the longevity and performance of your scooter:

- **Battery Charging:** Charge the battery fully after each use. Plug the charger into the scooter's charging port and then into a standard wall outlet. The battery is removable for off-board charging.
- **Tire Inspection:** The scooter uses 7.5-inch solid tires, which are puncture-proof. Regularly inspect them for wear and tear.
- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using harsh chemicals or excessive water, especially near electrical components.
- **Storage:** When not in use for extended periods, store the scooter in a dry, cool place. Ensure the battery is fully charged before storage and periodically recharged if stored for several months.



Image: A visual representation of the advanced lithium battery used in the Ecomobi MS02-F scooter, highlighting its compact and lightweight design.

6. Troubleshooting

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

- **Scooter Not Powering On:** Check if the key is fully inserted and turned to 'ON'. Ensure the battery is properly installed and charged.
- **Loss of Power During Operation:** The battery may be low. Recharge the battery.
- **Unresponsive Controls:** Ensure all connections are secure. If the issue persists, contact customer support.
- **Unusual Noises:** Power off the scooter immediately and inspect for any loose parts or obstructions. Do not operate if unusual noises continue.

For any issues not listed here or if troubleshooting steps do not resolve the problem, please contact Ecomobi customer support.

7. Specifications

Key technical specifications for the Ecomobi MS02-F Mobility Scooter:

Feature	Specification

Feature	Specification
Model Name	MS02-F
Product Dimensions (D x W x H)	47"D x 20.5"W x 36.6"H
Item Weight (without battery)	46 lbs
Maximum Weight Recommendation	330 Pounds
Motor Power	350W Brushless Motor
Maximum Speed	5 Miles per Hour
Battery Type	Lithium Ion (1 included)
Range (Battery Options)	15 to 60 Miles (depending on battery option)
Wheel Size	7.5 Inches (Solid tire)
Turn Radius	43 Inches
Brake Style	Electromagnetic
Frame Material	Alloy Steel

8. Warranty and Support

Ecomobi is committed to providing excellent customer service and support for your MS02-F Mobility Scooter.

- **24/7 Support:** Enjoy peace of mind with 24/7 phone support and a dedicated service team ready to help anytime.
- **7-Day Price Protection:** If the price drops within a week of your purchase, Ecomobi will refund the difference.
- **Returns:** The product is eligible for 30-day easy returns.

For assistance, please contact Ecomobi customer support:

Email: ECOMOBICLUB@OUTLOOK.COM

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

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