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Ecomobi M4-309S

Ecomobi M4 Folding Lightweight Mobility Scooter Instruction Manual

Model: M4-309S

1. Safety Information

Before riding, please make sure the handlebar, seat, backrest, and folding lock are fully secured. To adjust the handlebar height, lift the locking latch on the handlebar height adjuster, set the handlebar to the proper height, and press the latch down firmly to lock it in place. The M4 scooter is designed with a compact foldable frame for easier storage and transport. Before use, please sit on the scooter and confirm that you can place both feet securely on the footrests and operate the handlebar comfortably. This scooter is equipped with shock absorption for a smoother ride, but it should still be used with caution. For best stability and safety, ride on flat, paved surfaces, avoid sharp turns, and slow down when turning or driving over uneven areas. Before each ride, please check that the battery is properly installed and that visible cables are not pressed, pinched, pulled, or damaged. Do not operate the scooter if any part feels loose, unstable, or damaged. Contact customer support for assistance before further use.



The Ecomobi M4 scooter is designed to safely handle slopes up to 15 degrees, featuring anti-collision bars and anti-tipping wheels for enhanced stability.

2. Product Overview

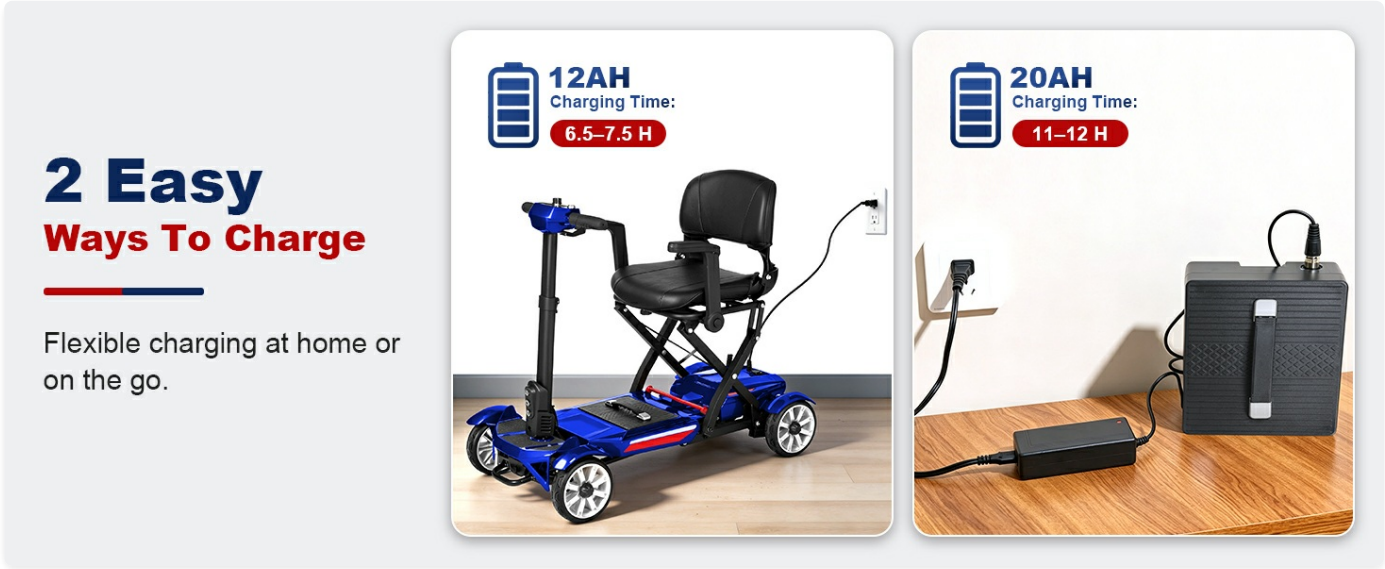
The Ecomobi M4 is a lightweight, foldable mobility scooter designed for ease of use and portability. It features a durable aluminum frame, full suspension, and a comfortable seat, making it suitable for seniors and adults seeking enhanced mobility.

Key Features:

- **Lightweight Design:** 52 lb aluminum frame for easy transport.
- **Full Suspension:** Provides a smoother ride by absorbing shocks and vibrations.
- **Foldable:** One-hand folding mechanism for compact storage and travel.
- **Airline Approved Battery:** 12Ah removable lithium battery (up to 15 miles range).
- **Comfortable Seating:** 2.5" thickened and widened seat with supportive backrest.
- **Maneuverability:** 40" turning radius and narrow body for tight spaces.
- **Powerful Motor:** 350W motor supports up to 300 lb and 15° slopes.
- **Easy Controls:** Simple control panel with speed adjustment, battery display, horn, headlight, and joystick.



The Ecomobi M4 Folding Lightweight Mobility Scooter in blue, showcasing its compact design.



The Ecomobi M4 scooter equipped with a smart front storage bag, offering multiple compartments for daily essentials.

Your browser does not support the video tag.

Video demonstrating the lightweight and foldable features of the Ecomobi M4 mobility scooter, highlighting its portability and ease of use for seniors.

3. Setup and Assembly

3.1 Unpacking

Carefully remove the scooter from its packaging. Ensure all components, including the scooter body, seat, battery, and charger, are present and undamaged.

3.2 Unfolding the Scooter

The M4 scooter features a convenient one-hand folding mechanism for quick deployment.

1. Place the folded scooter on a flat, stable surface.
2. Grasp the handlebar and lift it upwards until the scooter fully extends and locks into its upright position.
3. Ensure all locking mechanisms, including the seat and handlebar, are securely engaged before use.



Visual guide demonstrating the simple three-step process to fold and transport the Ecomobi M4 scooter.



The Ecomobi M4 scooter compactly folded and stored in the trunk of a car, illustrating its travel-friendly design.

3.3 Battery Installation and Charging

The scooter is powered by a removable lithium battery. Ensure the battery is fully charged before initial use.

1. Locate the battery compartment, typically under the seat or footrest.
2. Insert the battery, ensuring it is seated correctly and the connection is firm.

3. To charge, connect the charger to the scooter's charging port and then to a standard wall outlet.
4. The 12Ah battery typically requires 6.5-7.5 hours for a full charge. The 20Ah battery requires 11-12 hours.
5. The battery indicator on the control panel will show charging status.

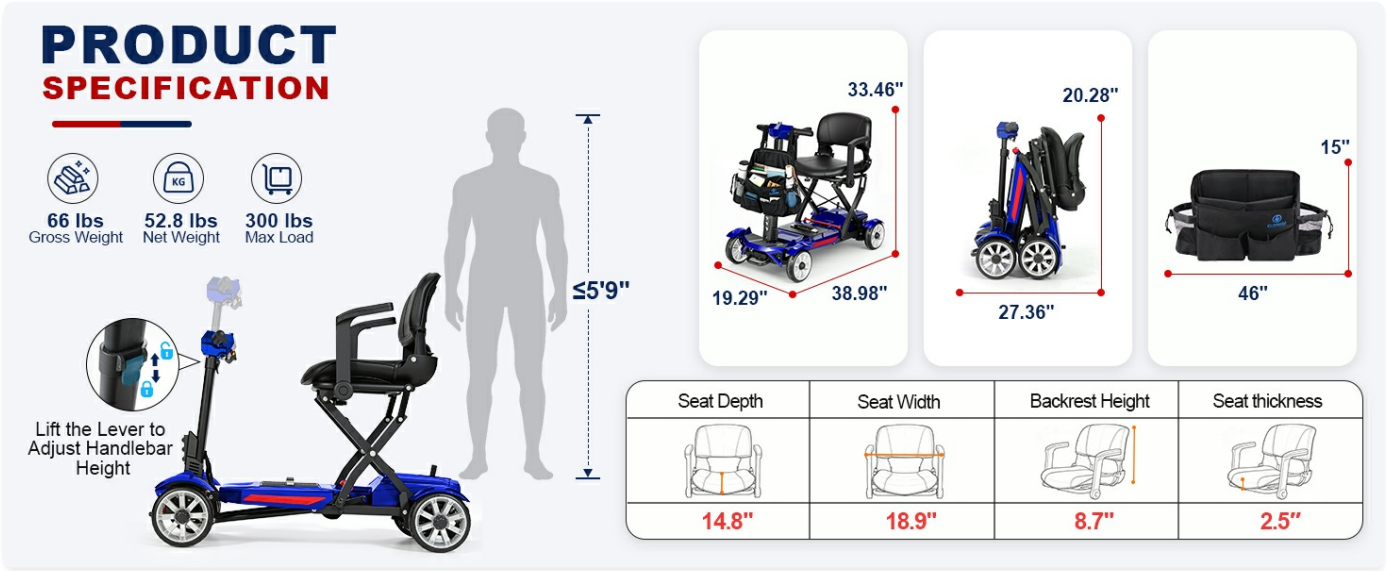


Illustration of the two convenient charging methods for the Ecomobi M4 scooter's battery.

3.4 Handlebar Adjustment

Adjust the handlebar height to achieve a comfortable and ergonomic riding position.

1. Locate the locking latch on the handlebar stem.
2. Lift the latch to unlock the handlebar.
3. Adjust the handlebar to your desired height.
4. Press the latch down firmly to lock the handlebar securely in place before riding.

4. Operating Instructions

4.1 Controls Overview

The Ecomobi M4 features an intuitive control panel for easy operation.



Detailed view of the Ecomobi M4 control panel, indicating the power switch, battery display, speed controller, handlebar, F/R throttle, light switch, and forward/backward joystick.

- **Power Switch:** Turns the scooter on/off.
- **Battery Display:** Shows current battery charge level.
- **Speed Controller:** Adjusts the maximum speed (2-5 MPH).
- **Horn:** Activates the scooter's horn.
- **Headlight Switch:** Turns the front and rear lights on/off.
- **Joystick:** Controls forward and reverse movement.

4.2 Starting the Scooter

1. Ensure the battery is charged and properly installed.
2. Press the power switch to turn on the scooter. The battery display will illuminate.
3. Use the speed controller to set your desired maximum speed.

4.3 Driving

To move forward, gently push the joystick forward. To move in reverse, gently pull the joystick backward. The scooter will accelerate smoothly based on joystick input.

4.4 Braking

The Ecomobi M4 features an electromagnetic brake system. To stop the scooter, simply release the joystick. The brakes will engage automatically, bringing the scooter to a smooth and controlled stop.



The Ecomobi M4's 40-inch turning radius allows for easy navigation through various indoor environments, including kitchens, hallways, and living rooms.

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Video showcasing the Ecomobi brand's commitment to empowering life with colorful choices, featuring various scooter models in different settings.

5. Maintenance

5.1 Battery Care

- To maximize battery life, charge the battery regularly, even if the scooter is not used daily.
- Avoid completely discharging the battery.
- Store the battery in a cool, dry place when not in use for extended periods.
- Use only the charger provided by Ecomobi.

5.2 Cleaning

- Wipe the scooter's surfaces with a damp cloth.
- Avoid using abrasive cleaners, solvents, or direct water spray, as these can damage electrical components.

5.3 Tire Inspection

- Regularly check the tires for proper inflation. Refer to the tire sidewall for recommended pressure.
- Inspect tires for any signs of wear, punctures, or damage. Replace worn tires promptly.

5.4 General Inspection

- Periodically check all bolts, nuts, and fasteners for tightness.
- Ensure all moving parts, such as the folding mechanism and steering components, operate smoothly. Lubricate as needed with appropriate lubricants.
- Inspect all cables and wiring for any signs of fraying, pinching, or damage.

6. Troubleshooting

This section addresses common issues you might encounter with your Ecomobi M4 scooter. If you experience a problem not listed here, or if the suggested solutions do not resolve the issue, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery not installed correctly, battery discharged, power switch off.	Ensure battery is fully inserted and connected. Charge the battery. Turn the power switch to the 'ON' position.
Scooter does not move.	Joystick not engaged, brake engaged, power off, motor fault.	Push the joystick gently forward or pull backward. Ensure the power is on. If the issue persists, contact support.
Reduced range or power.	Battery not fully charged, old battery, low tire pressure, heavy load.	Fully charge the battery. Check tire pressure and inflate if necessary. Reduce load if exceeding maximum capacity. Consider battery replacement if old.
Unusual noises during operation.	Loose components, worn parts, foreign object.	Inspect for loose bolts or foreign objects. If noise persists, discontinue use and contact support.

7. Specifications



Detailed product specifications and dimensions for the Ecomobi M4 mobility scooter.

Model Number:
M4-309S
Product Dimensions (Unfolded):
38.98"D x 20.28"W x 27.36"H
Folded Size:
20.28"W x 20.28"D x 27.36"H
Net Weight:

52.8 lbs
Gross Weight:
67 lbs
Maximum Load Capacity:
300 lbs
Motor Power:
350W
Battery Type:
Lithium (Removable)
Battery Capacity (Standard):
12Ah (up to 15 miles range)
Battery Capacity (Optional):
20Ah (up to 25 miles range)
Maximum Speed:
5 MPH
Turning Radius:
40 Inches
Maximum Climbing Ability:
15°
Seat Width:
18.9 Inches
Seat Height:
8.7 Inches
Seat Depth:
14.8 Inches
Wheel Size:
8 Inches
Frame Material:
Aluminum
Brake Style:
Electromagnetic

8. Warranty Information

The Ecomobi M4 Folding Lightweight Mobility Scooter is covered by a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

The warranty does not cover damage resulting from misuse, accidents, unauthorized modifications, or failure to follow the instructions in this manual. For specific warranty terms and conditions, or to make a warranty claim, please contact Ecomobi customer support.

9. Customer Support

For any questions, technical assistance, troubleshooting, parts inquiries, or service requests regarding your Ecomobi M4 Mobility Scooter, please contact our dedicated customer support team.

Phone Support: +1(833)866-8282

Hours: Monday - Friday, 9:00 AM - 6:00 PM EST

Email Support: ECOMOBICLUB@OUTLOOK.COM

Our team is committed to providing prompt and helpful assistance to ensure your satisfaction with your Ecomobi product.



Ecomobi customer service is available via phone and email for support.

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.

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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.

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