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› AONIU M4 Electric Scooter User Manual

AONIU M4

AONIU M4 Electric Scooter User Manual

Model: M4

1. SAFETY INFORMATION

Before operating your AONIU M4 Electric Scooter, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or damage to the scooter.

- **Wear a Helmet:** Always wear an approved helmet and other protective gear (knee pads, elbow pads) when riding.
- **Local Laws:** Be aware of and comply with all local laws and regulations regarding electric scooter use.
- **Riding Conditions:** Do not ride in heavy rain, snow, or icy conditions. Avoid riding on slippery surfaces.
- **Speed Control:** Always maintain a safe speed appropriate for the conditions and your skill level.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (150 kg).
- **Age Restriction:** This scooter is intended for adult use.
- **Pre-Ride Check:** Before each ride, check the brakes, tire pressure, and ensure all quick releases and fasteners are secure.
- **Visibility:** Use the scooter's lights and wear reflective clothing, especially when riding at night or in low-light conditions.
- **Awareness:** Be alert to your surroundings, pedestrians, cyclists, and vehicles.

2. PRODUCT OVERVIEW

The AONIU M4 Electric Scooter is designed for efficient personal transport, featuring a powerful motor, long-range battery, and a robust frame. It offers both sitting and standing riding modes for versatility.



Image: The AONIU M4 Electric Scooter shown in both its unfolded, ready-to-ride configuration with a seat, and its compact, folded state for transport.

3. PACKAGE CONTENTS

Upon opening your AONIU M4 Electric Scooter package, please verify that all the following items are included:

- 1x AONIU M4 Electric Scooter (with pre-installed seat)
- 1x Charger
- 1x User Manual (this document)
- 1x Tools Kit

4. INITIAL SETUP AND ASSEMBLY

Your AONIU M4 Electric Scooter comes mostly pre-assembled. Follow these steps for initial setup:

1. **Unfold the Scooter:** Carefully lift the handlebar stem until it locks into the upright position. Ensure the folding mechanism is securely latched.
2. **Attach Handlebars:** If not already attached, slide the handlebars onto the stem and tighten any securing clamps or screws using the provided tools.
3. **Adjust Handlebar Height:** Adjust the handlebar height to a comfortable position and secure the quick-release clamp.
4. **Check Seat:** Ensure the seat is securely attached and adjusted to your preferred height. The seat is removable if you prefer to ride standing only.
5. **Initial Charge:** Before your first ride, fully charge the scooter's battery. Refer to the 'Charging the Battery' section for details.
6. **Tire Pressure:** Check the pressure of the 10-inch pneumatic tires. Ensure they are inflated to the recommended PSI (usually found on the tire sidewall or in the specifications).

5. CHARGING THE BATTERY

Proper battery charging is essential for performance and longevity.

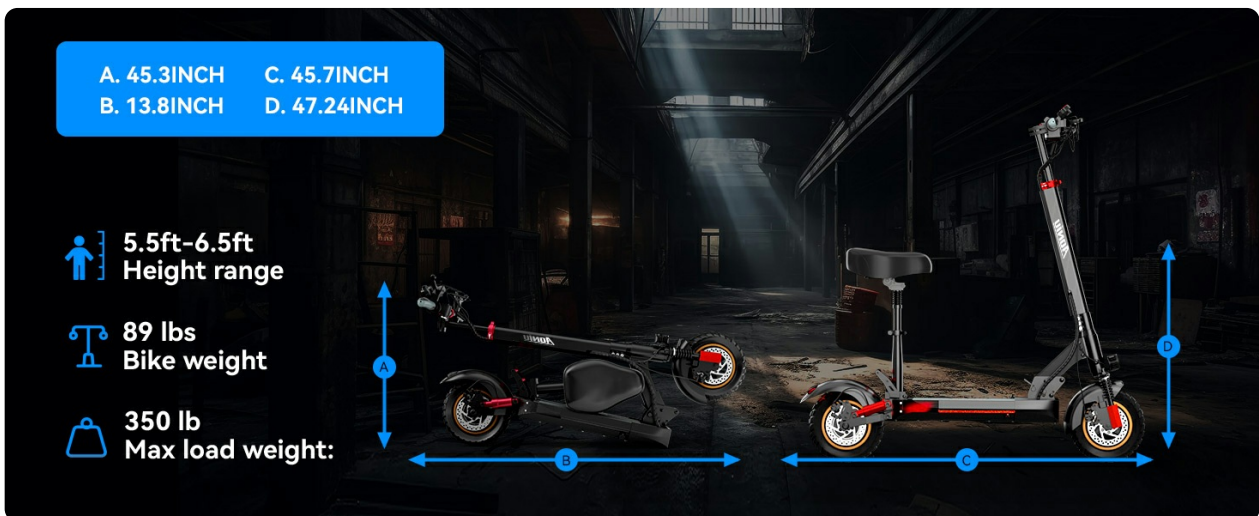


Image: Internal view of the AONIU M4 Electric Scooter's 48V 10AH Lithium battery cell, highlighting its placement within the deck.

1. Locate the charging port on the scooter.
2. Ensure the scooter is powered off.
3. Connect the charger to the charging port, then plug the charger into a standard wall outlet.
4. The charger indicator light will typically show red during charging and turn green when fully charged.
5. Charging time is approximately 6-8 hours for a full charge. Do not overcharge.
6. Disconnect the charger once charging is complete.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on, press and hold the power button on the LCD display until the screen illuminates.
- To power off, press and hold the power button again until the display turns off.

6.2 LCD Display Control



Image: Close-up of the AONIUM4 Electric Scooter's LCD display, showing current speed, speed mode, battery level, and other data.

The LCD display provides real-time information:

- **Speed:** Displays current riding speed.
- **Speed Mode:** Indicates the selected speed setting (e.g., 1, 2, 3).
- **Battery Level:** Shows remaining battery charge.
- **Cruise Control:** Activation status.
- **Odometer/Trip:** Displays total distance or current trip distance.

Use the 'MODE' button to cycle through display information or adjust settings as per the detailed instructions in the full manual.

6.3 Riding Modes



Image: The AONIUM4 Electric Scooter demonstrating its two riding modes: standing and sitting with the removable seat attached.

The M4 scooter supports two riding modes:

- **Stand Mode:** For dynamic riding and maximum maneuverability.
- **Sit Mode:** For longer commutes or when a more relaxed riding posture is desired. The seat can be easily attached or removed.

6.4 Lights and Braking System



Image: The AONIUM4 Electric Scooter's front LED headlight, rear taillight, and turn signals illuminated for enhanced visibility and safety.

- **Lights:** The scooter is equipped with a front LED headlight, turn signals, and a taillight for visibility. Activate them via the controls on the handlebar.

- **Braking:** The dual braking system (disc brake + electronic brake) provides reliable stopping power. Apply brakes gently and progressively.

7. FOLDING AND STORAGE

The AONIU M4 features a portable folding design for easy transport and storage.



Image: A person demonstrating the folding mechanism of the AONIU M4 Electric Scooter, showing how it collapses for compact storage or transport.

1. Ensure the scooter is powered off.
2. Locate the folding latch mechanism at the base of the handlebar stem.
3. Follow the instructions on the latch to release the stem.
4. Carefully fold the handlebar stem downwards until it clicks into place, securing it to the rear fender or deck.
5. For unfolding, reverse the process, ensuring the stem is fully locked in the upright position before riding.

8. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery. Store in a cool, dry place.
- **Tires:** Regularly check tire pressure and inspect for wear or damage. Replace worn tires promptly.
- **Brakes:** Periodically check brake pads and cables for wear and proper adjustment. Ensure the electronic brake is functioning correctly.
- **Fasteners:** Check all screws, bolts, and quick releases regularly to ensure they are tight and secure.
- **Storage:** Store the scooter in a dry, temperate environment away from direct sunlight and extreme temperatures.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your AONIU M4 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Power button issue	Charge the battery fully; Check all visible connections; Contact support if issue persists.
Reduced range or speed	Low tire pressure; Overloaded; Battery degradation; Riding uphill frequently	Inflate tires to correct pressure; Ensure rider weight is within limits; Charge battery fully; Adjust riding style.
Brakes feel weak or noisy	Worn brake pads; Loose brake cable; Contaminated brake disc	Inspect and replace brake pads; Adjust brake cable tension; Clean brake disc with appropriate cleaner.
Unusual noises during ride	Loose components; Debris in wheels; Motor issue	Check all fasteners; Inspect wheels for obstructions; Contact support if motor noise is unusual.

For issues not listed here or if solutions do not resolve the problem, please contact AONIU customer support.

10. SPECIFICATIONS

Detailed technical specifications for the AONIU M4 Electric Scooter:



Image: A detailed diagram illustrating the 800W high-speed brushless motor of the AONIU M4 Electric Scooter, highlighting its torque and power output.

Feature	Specification
Model	M4
Motor	48V 800W Brushless
Battery	48V 10AH Lithium
Max Speed	Up to 28 mph (45 km/h)
Max Range	Up to 31 miles (50 km)
Max Load	330 lbs (150 kg)
Charging Time	6-8 hours
Tires	10-inch Off-Road Pneumatic
Brakes	Dual Braking System (Disc + Electronic)
Suspension	Dual Suspension System
Frame Material	Aluminum Alloy
Lights	Front LED Headlight, Turn Signals, Taillight
Product Dimensions (Unfolded)	47.2"L x 9.8"W x 19.3"H (120cm x 25cm x 49cm)
Item Weight	49.6 lbs (22.5 kg)
Gradeability	10-25 degrees

11. WARRANTY AND SUPPORT

AONIUI is committed to providing quality products and customer satisfaction.

11.1 Warranty Information

The AONIUI M4 Electric Scooter comes with a manufacturer's warranty. Please refer to the specific warranty card included in your package for full details, as warranty periods may vary for different components.

- General warranty: 12-month or 180-day for different parts.
- Manufacturer warranty: 90 days.

It is recommended to register your product upon purchase to activate your warranty.

11.2 Customer Support

If you have any questions, concerns, or require technical assistance, please do not hesitate to contact AONIUI customer support. We aim to respond to all inquiries within 24 hours.

For support, please visit the official AONIUI store page or use the contact information provided in your product packaging.