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AONIU AN-M4

AONIU AN-M4 Electric Scooter User Manual

MODEL: AN-M4

1. Safety Information

Your safety is paramount. Please read this manual thoroughly before operating the AONIU AN-M4 Electric Scooter. Failure to follow these instructions may result in serious injury or property damage.

General Safety Guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Obey all local traffic laws and regulations.
- Do not ride in wet conditions, heavy rain, or through puddles. The scooter is not waterproof.
- Ensure the scooter is fully charged and all components are securely fastened before each ride.
- Do not exceed the maximum weight limit of 330 lbs (150 kg).
- This scooter is intended for users aged 16 and above.
- Avoid riding on steep inclines or uneven terrain that exceeds the scooter's capabilities.
- Maintain a safe distance from other vehicles and pedestrians.
- The electric scooter has passed UL2272 certification test, ensuring electrical safety standards.

2. Product Overview

The AONIU AN-M4 is a high-performance electric scooter designed for adults, featuring a powerful motor, long-range battery, and a comfortable riding experience with its optional seat and robust suspension system. It is built for both urban commuting and light off-road adventures.

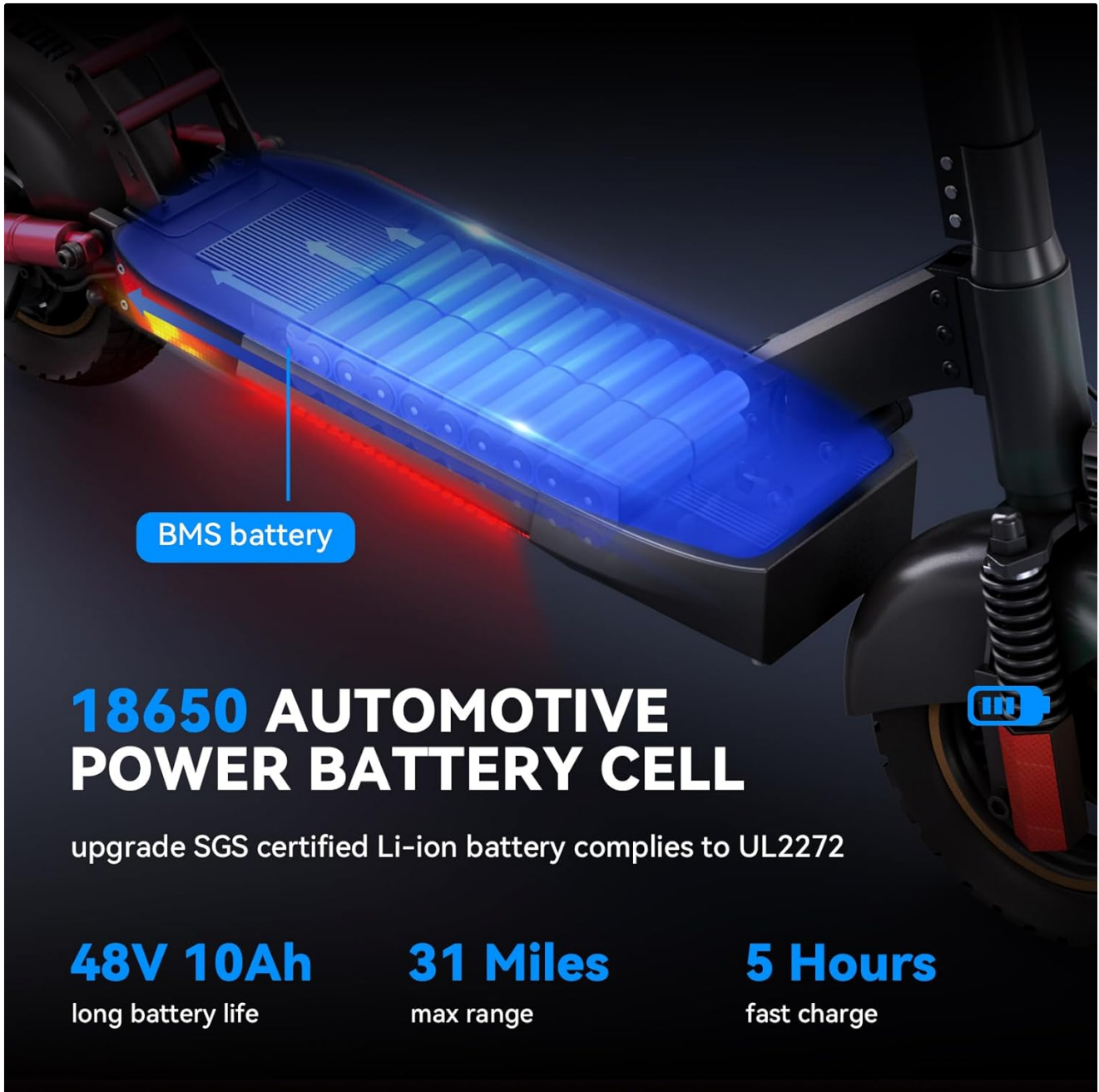


Image: The AONIU AN-M4 Electric Scooter shown with its detachable seat, highlighting its robust design and front headlight.

Key Components:

- **Handlebar:** Features controls for acceleration, braking, lights, horn, and the LCD display. Adjustable height for rider comfort.
- **LCD Display:** Shows current speed, speed mode, battery level, and cruise control status.
- **Headlight & Taillight:** Bright LED lights for visibility and safety during night rides. The taillight also functions as a warning light.
- **Motor:** 800W brushless motor for powerful acceleration and climbing ability.
- **Battery:** High-capacity 48V 10Ah 18650 automotive power battery cell, providing up to 31 miles of range.
- **Deck:** Wide, non-slip platform for stable footing.
- **Tires:** 10-inch pneumatic off-road tires for excellent grip and shock absorption on various terrains.
- **Braking System:** Dual braking system (front and rear) for reliable stopping power.
- **Shock Absorption System:** Multiple shock absorbers (including dual front and rear damping) for a smooth ride.
- **Folding Mechanism:** One-click portable folding design for easy transport and storage.

- **Removable Seat:** Allows for both sit and stand riding modes.



BMS battery

18650 AUTOMOTIVE POWER BATTERY CELL

upgrade SGS certified Li-ion battery complies to UL2272

48V 10Ah	31 Miles	5 Hours
long battery life	max range	fast charge

Image: Diagram illustrating the 800W high-speed brushless motor, highlighting its torque and climbing ability.

ALL TERRAIN 10 INCH OFF ROAD TIR



Image: Cutaway view of the scooter's deck showing the 18650 automotive power battery cells and BMS system, indicating long battery life and quick charging.

3. Assembly

The AONIU AN-M4 Electric Scooter comes mostly pre-assembled. Follow these steps to complete the assembly and prepare for your first ride.

Unfolding the Scooter:

1. Place the scooter on a flat, stable surface.
2. Locate the folding latch mechanism near the base of the handlebar stem.
3. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged and secure.
4. Adjust the handlebar height by loosening the quick-release clamp, extending the handlebar to your desired height, and then securely tightening the clamp.

Attaching the Seat (Optional):

1. If you wish to use the seat, locate the seat post receiver on the scooter's deck.
2. Insert the seat post into the receiver and secure it using the provided locking mechanism or bolts. Ensure the seat is stable and does not wobble.
3. Adjust the seat height for comfortable riding.



Image: Illustration of the scooter's portable folding design, showing how it can be easily folded for transport in a car trunk.

Included Components: The package includes 1x charger, 1x tool kit, and 1x paper user manual to assist with assembly and maintenance.

4. Setup

Initial Charging:

Before your first ride, fully charge the scooter's battery. This helps to optimize battery life and performance.

- Locate the charging port on the scooter (usually near the battery compartment).

- Ensure the scooter is powered off.
- Connect the charger to the charging port, then plug the charger into a standard wall outlet.
- The charger indicator light will typically turn red during charging and green when fully charged.
- A full charge takes approximately 7 hours. Avoid overcharging by disconnecting the charger once the light turns green.

Pre-Ride Checks:

Always perform these checks before each ride:

- Check tire pressure (refer to tire sidewall for recommended PSI).
- Verify that the brakes are functioning correctly.
- Ensure all quick-release clamps and folding mechanisms are securely locked.
- Check that the headlight and taillight are working.
- Confirm the battery level on the LCD display is sufficient for your planned ride.

5. Operating Instructions

Powering On/Off:

Press and hold the power button on the LCD display to turn the scooter on or off.

LCD Display Control:

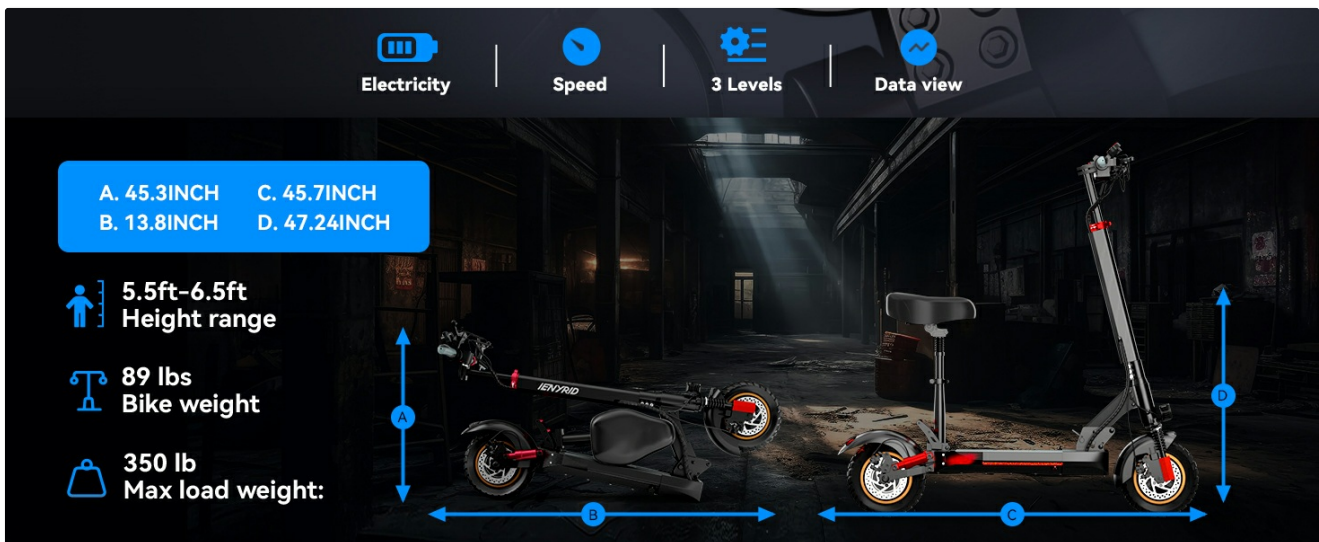


Image: Detailed view of the smart LCD display and handlebar controls, showing buttons for horn, light, mode, and battery power.

The smart dashboard provides real-time information:

- **Speed:** Displays current riding speed.
- **Speed Mode:** Allows switching between different speed settings (e.g., Eco, Standard, Sport).
- **Battery Status:** Indicates remaining battery charge.
- **Cruise Control:** Can be activated for maintaining a constant speed without holding the throttle.

Riding Modes:

The AN-M4 offers two riding modes for versatility:

- **Sit Mode:** For comfortable, relaxed rides, especially over longer distances. Use with the seat attached.
- **Stand Riding:** For dynamic and agile riding, offering more control and a traditional scooter experience.



Image: A rider demonstrating both the sit mode and stand riding mode of the scooter on a paved road.

Acceleration and Braking:

- To accelerate, gently press the throttle lever on the handlebar.
- To brake, squeeze the brake levers on the handlebars. The scooter features a dual braking system for effective stopping.

Lights and Signals:

- Press the light button on the handlebar to turn the headlight and taillight on or off.
- The taillight also functions as a warning light, enhancing visibility from the rear.

2 RIDING MODES

Explore The Outdoors!
Experience Speed And Thrills!



SIT MODE

Stand up riding, enjoy the wind and the freedom of impact.



STAND RIDING

The seat switches easily, freeing up your legs for you.



Image: The scooter illuminated with its bright headlight and warning taillight, emphasizing safety for night riding.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your AONIU AN-M4 Electric Scooter.

Battery Care:

- Charge the battery regularly, even if the scooter is not in use, to prevent deep discharge.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not expose the battery to water or moisture.

Tire Maintenance:

- Check tire pressure weekly and inflate to the recommended PSI (usually found on the tire sidewall). Proper inflation improves ride quality and prevents punctures.
- Inspect tires for wear, cuts, or embedded objects.

Brake System:

- Regularly check the brake levers for proper tension and responsiveness.
- Inspect brake pads for wear and replace them if necessary.

Cleaning and Storage:

- Clean the scooter with a damp cloth. Do not use high-pressure water jets or harsh chemicals.
- Store the scooter indoors in a dry environment when not in use.
- When storing for extended periods, ensure the battery is charged to about 50-70% and recharge it every 30-60 days.

7. Troubleshooting

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

Scooter Not Turning On:

- Check if the battery is charged. Connect the charger and observe the charging indicator.
- Ensure the power button is pressed and held for a few seconds.
- Verify all cable connections are secure.

Low Power/Reduced Range:

- Ensure the battery is fully charged before each ride.
- Check tire pressure; underinflated tires can significantly reduce range.
- Riding uphill frequently or carrying heavy loads will consume more battery power.
- Extreme cold weather can temporarily reduce battery performance.

Brakes Not Responsive:

- Inspect brake cables for looseness or damage.
- Check brake pads for wear. Worn pads need replacement.
- If the issue persists, professional adjustment or repair may be required.

Unusual Noises:

- Check for loose components or fasteners.
- Inspect wheels and bearings for any obstructions or damage.
- If the noise is from the motor, discontinue use and contact support.

For issues not covered here, please refer to the warranty and support section.

8. Specifications

Detailed technical specifications for the AONIU AN-M4 Electric Scooter:

Feature	Specification
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Brand	AONIUI
Model Name	AN-M4
Motor Power	800W Brushless Motor
Max Speed	Up to 28 mph (approx. 45 km/h)
Max Range	Up to 31 Miles (approx. 50 km) per charge
Battery Type	48V 10Ah 18650 Automotive Power Battery Cell
Charging Time	Approx. 7 Hours
Max Load Capacity	330 Pounds (approx. 150 kg)
Product Dimensions (L x W x H)	46"L x 9"W x 19"H (117cm x 23cm x 48cm)
Item Weight	49.5 Pounds (approx. 22.5 kg)
Wheel Size	10 Inches
Tire Type	Pneumatic Off-Road Tires
Brake Style	Front Braking, Rear Braking (Dual System)
Frame Material	Alloy Steel
Special Features	Adjustable Handlebar Height, Foldable, Non-Slip Deck, Removable Seat, Wide Platform, Multiple Shock Absorption System

9. Warranty and Support

Warranty Information:

The AONIUI AN-M4 Electric Scooter comes with a **90 Day Limited Warranty**. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

For specific details regarding warranty coverage for different parts (e.g., 12-month or 180-day for certain components as mentioned in product features), please refer to the documentation included with your purchase or contact customer support.

Customer Support:

If you have any questions, require technical assistance, or need to make a warranty claim, please contact AONIUI customer support. We aim to respond within 24 hours.

For the most up-to-date contact information, please visit the official AONIUI store on Amazon or refer to the contact details provided in your product packaging.

Thank you for choosing AONIUI. Enjoy your ride!

