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> Aovowheel Y07S Electric Scooter User Manual

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Model: Y07S | Brand: Aovowheel

1. SAFETY INFORMATION

Before operating your Aovowheel Y07S Electric Scooter, please read and understand all safety instructions. 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.
- Observe all local traffic laws and regulations.
- The scooter is designed for riders aged 10-60 years.
- Do not exceed the maximum weight limit of 155 lbs (70 kg).
- Avoid riding in wet conditions, heavy rain, or on slippery surfaces.
- Ensure the scooter is fully charged and all components are securely fastened before each ride.
- This E-Scooter is UL2272 certified for electrical safety.

2. PRODUCT OVERVIEW

The Aovowheel Y07S Electric Scooter is a portable and efficient personal transporter designed for urban commuting and recreational use. It features a robust motor, multiple speed settings, and a foldable design for convenience.

Key Features:

- Motor:** 250W (Peak 350W) powerful motor for reliable performance.
- Speed:** Maximum speed of 9 MPH.
- Range:** Up to 10 miles on a single charge under specific conditions.
- Tires:** 6.5-inch solid tires for a smooth and puncture-resistant ride.
- Braking System:** Innovative dual-brake system combining a responsive hand brake and a rear fender foot brake for enhanced safety.
- Speed Modes:** Three adjustable speed modes (3/6/9 MPH) to suit different riding preferences and skill levels.

- **Display:** High-definition LCD screen displaying battery level, current speed, and mileage.
- **Portability:** Lightweight at only 16 lbs and features a quick-folding mechanism for easy transport and storage.



Figure 2.1: The Aovowheel Y07S Electric Scooter in Black-purple color, showcasing its sleek design.

3. SETUP GUIDE

3.1 Unboxing and Assembly

1. Carefully remove all components from the packaging.
2. Unfold the scooter by releasing the folding mechanism. Ensure the stem locks securely into place.
3. Attach the handlebars to the stem, ensuring they are aligned and tightened according to the included quick-start guide.



Figure 3.1: Aovowheel Y07S Electric Scooter partially unboxed, showing the main components.



Figure 3.2: User attaching the handlebar to the scooter's stem during the assembly process.

3.2 Initial Charging

Before first use, fully charge the scooter's battery.

1. Locate the charging port, typically on the side of the deck.
2. Connect the charger to the scooter, then plug the charger into a power outlet.
3. The charging indicator light on the charger will typically turn red while charging and green when fully charged.
4. A full charge takes approximately 4 hours. Do not overcharge.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on: Press and hold the power button on the display for a few seconds until the screen illuminates.

- To power off: Press and hold the power button again until the display turns off.

4.2 Adjusting Speed Modes

The scooter offers three speed modes: 3 MPH, 6 MPH, and 9 MPH. To switch between modes, short press the power button while the scooter is on. The current mode will be indicated on the LCD display.

4.3 Riding the Scooter

1. Place one foot firmly on the deck.
2. Push off with your other foot to gain initial momentum.
3. Once moving, gently press the throttle lever (typically on the right handlebar) to engage the motor.
4. To brake, use the hand brake lever (on the left handlebar) or press down on the rear fender with your foot. Use both brakes for emergency stops.

4.4 Understanding the LCD Display

The high-definition LCD screen provides essential riding information:

- **Speed:** Displays your current speed in MPH.
- **Battery Level:** Shows the remaining battery charge.
- **Mileage:** Tracks the distance traveled.
- **Speed Mode Indicator:** Shows the currently selected speed mode.



Figure 4.1: Close-up of the scooter's LCD display, indicating speed and battery status.

5. MAINTENANCE AND CARE

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

5.1 Cleaning

- Wipe the scooter with a damp cloth after each use. Avoid using harsh chemicals or abrasive materials.
- Do not use high-pressure water jets to clean the scooter, as this can damage electrical components.

5.2 Battery Care

- Charge the battery regularly, even if the scooter is not in use, to maintain battery health.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

5.3 Tire Inspection

- Regularly inspect the solid tires for any signs of wear or damage.

5.4 Brake Check

- Before each ride, test both the hand brake and the rear fender foot brake to ensure they are functioning correctly.

5.5 Storage

- When not in use, fold the scooter for compact storage.



Figure 5.1: The Aovowheel Y07S Electric Scooter shown in its folded configuration for easy storage and transport.

6. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter with your scooter.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connection; Power button malfunction	Charge the battery; Check all connections; Contact customer support if issue persists.
Motor not engaging	Throttle issue; Motor connection issue; Safety sensor engaged	Ensure scooter has initial momentum before engaging throttle; Check throttle connection; Contact customer support.
Reduced range or speed	Low battery; Overload (exceeding weight limit); Riding uphill; Cold weather	Fully charge battery; Ensure rider weight is within limits; Avoid steep inclines; Operate in moderate temperatures.
Brakes not effective	Brake cable loose; Worn brake pads	Inspect and adjust brake cables; Check for wear on brake pads and replace if necessary.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Aovowheel
Model Name	Y07S
Motor Power	250W (Peak 350W)
Max Speed	9 MPH
Max Distance Range	10 Miles
Battery Charge Time	4 Hours
Tire Type	6.5-inch Solid Tires
Brake Style	Front Braking (Hand Brake) and Rear Fender Foot Brake
Weight Limit	155 Pounds
Net Weight	16 LBS
Product Dimensions (L x W x H)	20"L x 15"W x 5.7"H
Frame Material	Aluminum
Age Range (Description)	10-60 Years
Special Features	Digital Display, Foldable, Dual Suspension



Figure 7.1: Dimensional overview of the Aovowheel Y07S Electric Scooter.

8. WARRANTY AND CUSTOMER SUPPORT

8.1 Warranty Information

The Aovowheel Y07S Electric Scooter comes with a 12-month service warranty for various parts. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, concerns, or technical assistance, please contact Aovowheel customer support through the retailer's platform or the official Aovowheel website. Our team is available to assist you with product inquiries, troubleshooting, and warranty services.

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