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› Aovowheel Y07S Electric Scooter User Manual

Aovowheel Y07S

Aovowheel Y07S Electric Scooter User Manual

Model: Y07S | Brand: Aovowheel

1. INTRODUCTION

Thank you for choosing the Aovowheel Y07S Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

Riding an electric scooter carries inherent risks. Always prioritize safety. Adhere to local laws and regulations regarding electric scooter use. This scooter is designed for users aged 10-60 years with a maximum weight limit of 155 pounds.

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Do not ride in wet conditions, heavy rain, or on slippery surfaces.
- Avoid riding on uneven terrain, potholes, or over obstacles.
- Maintain a safe distance from other vehicles and pedestrians.
- Ensure both brakes are functioning correctly before each ride.
- Do not allow more than one rider on the scooter at a time.
- Familiarize yourself with the controls and speed modes before riding in traffic.



Figure 2.1: Emphasizing the importance of safety gear and the scooter's rear foot brake system.

3. PACKAGE CONTENTS

Verify all items are present in the package:

- Aovowheel Y07S Electric Scooter
- Power Adapter/Charger
- User Manual (this document)
- Assembly Tools (if required)

4. SETUP AND ASSEMBLY

Your Aovowheel Y07S Electric Scooter comes mostly pre-assembled. Follow these steps to prepare it for its first ride:

1. **Unfolding the Scooter:** Carefully lift the handlebar stem until it locks into the upright position. Ensure the folding mechanism is securely latched.
2. **Handlebar Attachment:** If the handlebars are detached, align them with the stem and secure them using the provided screws and tools. Ensure they are tight and stable.
3. **Initial Charge:** Before the first use, fully charge the scooter's battery. Connect the charger to the charging port on the scooter and then to a power outlet. The indicator light on the charger will change when fully charged (approximately 4 hours).



Figure 4.1: The Aovowheel Y07S Electric Scooter in its ready-to-ride configuration.

Folding the Scooter for Storage/Transport

To fold the scooter, release the locking mechanism at the base of the handlebar stem and carefully fold the stem down towards

the deck until it clicks into place. This compact design makes it easy to carry and store.

Your browser does not support the video tag.

Video 4.1: Demonstration of the Aovowheel Y07S Electric Scooter's folding mechanism for easy storage and transport.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and riding modes before operating the scooter.

5.1 Controls and Display



Figure 5.1: Overview of the handlebar controls and LCD display.

- **Power Button:** Press and hold to turn the scooter ON/OFF. Short press to cycle through speed modes.
- **Throttle:** Located on the right handlebar. Press down to accelerate.
- **Brake Lever:** Located on the left handlebar. Squeeze to engage the hand brake.
- **Rear Fender Foot Brake:** Press down on the rear fender with your foot to engage the foot brake.
- **LCD Display:** Shows current speed, battery level, and selected speed mode.

5.2 Riding Modes

The scooter features three adjustable speed modes:

- **Mode 1:** 3 MPH (Beginner/Low Speed)
- **Mode 2:** 6 MPH (Intermediate Speed)
- **Mode 3:** 9 MPH (Max Speed)

To change modes, short press the power button while the scooter is on.



Figure 5.2: Visual representation of the three selectable riding modes.

5.3 First Ride Checklist

- 1. Ensure the battery is fully charged.
- 2. Check tire pressure (if applicable, for solid tires ensure they are free of damage).
- 3. Verify brakes are working properly.
- 4. Wear all necessary safety gear.
- 5. Start in the lowest speed mode (3 MPH) in a safe, open area.

6. 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 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 the scooter in a cool, dry place.
- **Brake Inspection:** Periodically check the brake system for wear and tear. Ensure the brake lever and foot brake respond effectively.
- **Tires:** Inspect the 6.5-inch solid tires for any cuts, cracks, or damage before each ride.
- **Fasteners:** Regularly check all screws and bolts to ensure they are tight.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; loose connection	Charge the battery; check all connections.

Problem	Possible Cause	Solution
Scooter loses power or range quickly	Battery not fully charged; old battery; riding conditions	Ensure full charge; contact support for battery replacement; riding style and terrain affect range.
Brakes are not responsive	Brake cable loose; worn brake pads	Adjust brake cable tension; inspect and replace brake pads if worn.
Unusual noises during operation	Loose components; debris in wheels	Check all fasteners; inspect wheels for obstructions.

8. SPECIFICATIONS

Detailed technical specifications for the Aovowheel Y07S Electric Scooter:

- **Model Name:** Y07S
- **Brand:** Aovowheel
- **Motor:** 250W (Peak 350W)
- **Max Speed:** Up to 9 MPH
- **Max Range:** Up to 10 Miles (under specific conditions)
- **Battery Charge Time:** Approximately 4 hours
- **Weight Limit:** 155 pounds
- **Age Range:** 10-60 years
- **Wheel Size:** 6.5 inches
- **Wheel Material:** Rubber (Solid)
- **Brake Style:** Hand Brake, Rear Fender Foot Brake
- **Special Features:** Digital Display, Foldable Design
- **Product Dimensions (L x W x H):** 20" x 10" x 5.7"
- **Certifications:** UL2272 certified



Figure 8.1: Key performance specifications of the Aovowheel Y07S Electric Scooter.



Figure 8.2: Battery specifications and charging information.

9. WARRANTY AND SUPPORT

Aovowheel provides a 12-month service period for various parts of your electric scooter. This covers returns and exchanges for manufacturing defects. For any questions, technical assistance, or warranty claims, please contact Aovowheel customer support through your purchase platform or the official Aovowheel website.

Please note that the speed and range of electric scooters can vary based on factors such as rider weight, surface type, ambient temperature, battery condition, and riding style.

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Example: How do I reset this device or fix this error?

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