

Aovowheel 30

Aovowheel Electric Scooter Model 30 User Manual

Your guide to safe and efficient operation

1. IMPORTANT SAFETY INFORMATION

Before operating your Aovowheel Electric Scooter Model 30, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or property damage.

- **Age and Height Requirements:** This scooter is recommended for users aged 10 and above, with a recommended height between 4.0 ft and 5.6 ft.
- **Weight Limit:** The maximum load capacity for this scooter is 265 lbs (120 kg). Do not exceed this limit.
- **Protective Gear:** Always wear a helmet and other protective gear (knee pads, elbow pads) when riding.
- **Road Conditions:** Ride on smooth, dry surfaces. Avoid uneven terrain, potholes, wet surfaces, and loose debris.
- **Local Regulations:** Always comply with local traffic laws and regulations regarding electric scooter use.
- **UL2272 Certified:** This E-Scooter is UL2272 certified for electrical safety.



Image 1: Safety guidelines for the Aovowheel Electric Scooter, highlighting age, height, weight limits, and solid tire features.

This image illustrates the recommended user specifications and the durable 8.5-inch solid tires, emphasizing the

scooter's suitability for adults and older children within specified limits.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Aovowheel Electric Scooter Model 30
- Power Adapter/Charger
- User Manual (this document)
- Assembly Tool Kit

3. PRODUCT OVERVIEW

The Aovowheel Electric Scooter Model 30 is designed for commuting and recreational riding, featuring robust performance and safety components.

Motor and Performance

Equipped with a 350W motor (700W peak), the scooter can reach speeds up to 19 mph and handle inclines of up to 20 degrees.

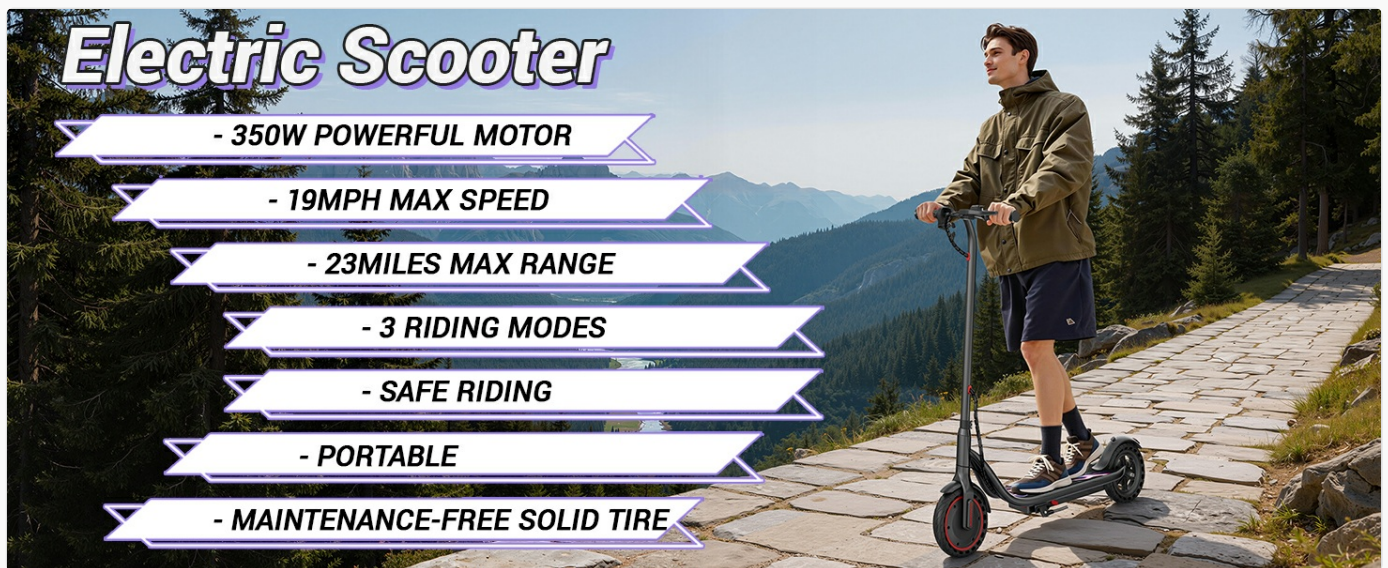


Image 2: Performance features of the Aovowheel Electric Scooter, detailing the 350W motor, uphill climbing ability, and maximum speed.

This image highlights the scooter's powerful 350W motor, its ability to climb 20% inclines, and its top speed of 19 MPH, indicating its robust performance for daily commutes.

Battery and Range

The scooter features a high-capacity 36V/5.2AH lithium battery, providing a maximum range of 23 miles on a single charge. A full charge takes approximately 4 hours.



Image 3: Battery specifications and range of the Aovowheel Electric Scooter, including voltage, capacity, charging time, and maximum distance.

This image details the scooter's long-lasting battery, specifying its 36V/5.2AH capacity, 4-hour fast charging time, and an impressive 23-mile maximum range.

Braking System

For enhanced safety, the scooter is equipped with a dual braking system: a front electronic brake and a rear wheel drum brake, ensuring responsive and reliable stopping power.

Image 4: The dual braking system of the Aovowheel Electric Scooter, showing both the electronic front brake and the mechanical drum brake on the rear wheel.

This image highlights the scooter's dual braking system, featuring both an electronic brake for the front wheel and a drum brake for the rear wheel, designed for strong and secure stopping.

4. SETUP

4.1 Unfolding and Assembly

1. Carefully remove the scooter and all components from the packaging.
2. Place the scooter on a flat surface.
3. Lift the handlebar stem until it locks into the upright position. Ensure the folding mechanism is securely latched.
4. Attach the handlebars to the stem, ensuring they are firmly seated and tightened with the provided tool.
5. Check all screws and connections to ensure they are tight before first use.

4.2 Initial Charging

1. Locate the charging port on the scooter.
2. Connect the charger to the charging port, then plug the charger into a standard electrical outlet.
3. Allow the scooter to charge completely before its first use. The indicator light on the charger will typically change from red to green when fully charged. This usually takes about 4 hours.
4. Do not overcharge the battery. Disconnect the charger once charging is complete.

5. OPERATING INSTRUCTIONS

5.1 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.

5.2 Riding Modes

The scooter features multiple speed modes to suit different riding preferences and environments. Use the mode button (usually a short press of the power button after turning on) to cycle through the available speeds:

- **Mode 1:** Approximately 7 MPH (11 km/h) - Ideal for beginners or crowded areas.
- **Mode 2:** Approximately 11 MPH (18 km/h) - Balanced speed for general riding.
- **Mode 3:** Approximately 19 MPH (30 km/h) - Maximum speed for experienced riders on open paths.

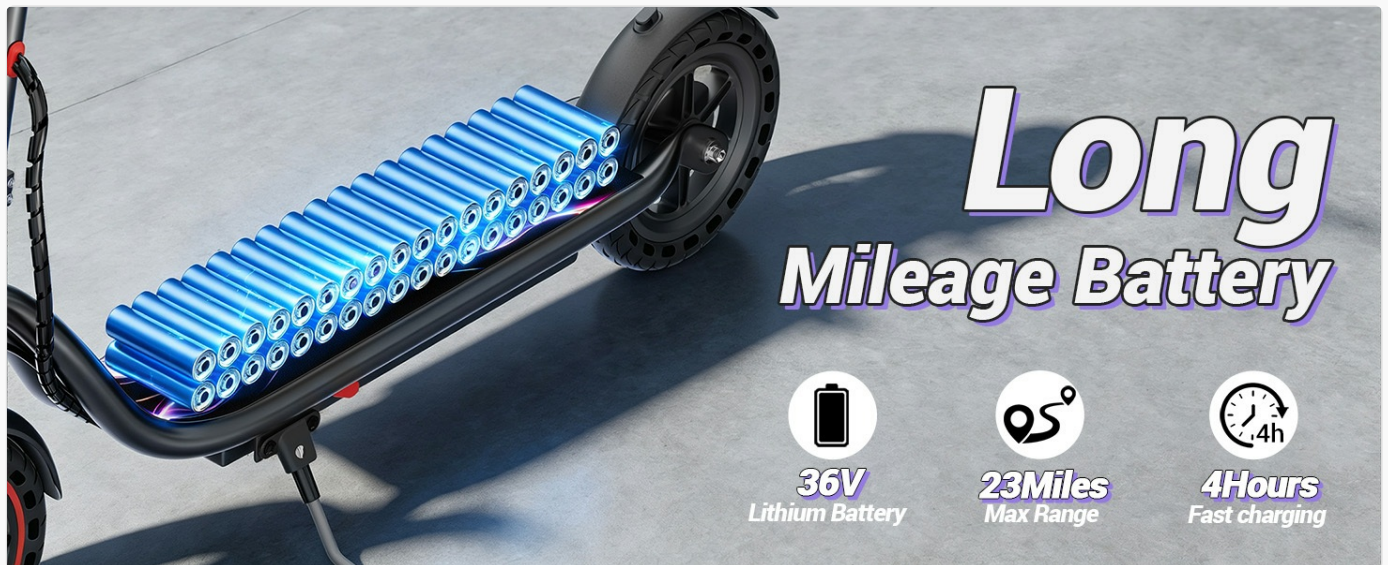


Image 5: The three distinct speed modes of the Aovowheel Electric Scooter, ranging from 7 MPH to 19 MPH, designed for various riding conditions and skill levels.

This image illustrates the three adjustable speed modes (7 MPH, 11 MPH, 19 MPH) available on the Aovowheel Electric Scooter, allowing riders to select a speed appropriate for their experience and environment.

5.3 Riding the Scooter

1. Place one foot firmly on the deck of the scooter.
2. Use your other foot to push off the ground gently to gain initial momentum.
3. Once moving, place your second foot on the deck.
4. Gently press the accelerator lever to engage the motor.
5. To slow down or stop, release the accelerator and apply the brake levers.

6. MAINTENANCE

6.1 Cleaning

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

6.2 Tire Care

The Aovowheel Model 30 uses 8.5-inch solid tires, which are maintenance-free and do not require inflation. Regularly inspect the tires for signs of wear, cuts, or damage. Replace tires if significant wear is observed.

6.3 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.
- Avoid completely draining the battery before recharging.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Scooter does not power on	Low or depleted battery; loose connections	Charge the battery fully. Check all visible cable connections.
Reduced range or battery life	Battery degradation; riding conditions (uphill, heavy load); low tire pressure (not applicable for solid tires, but general advice for pneumatic)	Ensure battery is fully charged. Avoid riding in extreme conditions. If issue persists, contact support.
Motor not engaging	Scooter not pushed off to gain initial speed; faulty accelerator; motor issue	Ensure you push off to gain initial speed before pressing the accelerator. Check for error codes on the display. Contact support if problem continues.
Brakes not responsive	Brake cable adjustment needed; worn brake pads	Inspect brake levers and cables. Adjust as necessary. If drum brake is worn, contact support for service.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Aovowheel customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Aovowheel Electric Scooter Model 30:

Feature	Specification
Brand	Aovowheel
Model Name	30
Motor Power	350W (Peak 700W)
Max Speed	19 mph (30 km/h)
Max Range	23 miles (37 km)
Battery	36V/5.2AH Lithium Battery
Charging Time	Approx. 4 hours
Max Uphill Climbing	20°
Tire Type	8.5-inch Solid Rubber Tires
Brake System	Dual (Front Electronic + Rear Drum)
Max Load	265 lbs (120 kg)
Product Dimensions (L x W x H)	43" x 20" x 5.7" (109cm x 51cm x 14.5cm)
Product Weight	22 lbs (10 kg)
Special Features	Digital Display, Foldable
Certifications	UL2272



Image 6: Physical dimensions and weight of the Aovowheel Electric Scooter, showing its portable and compact design.

This image provides a visual representation of the scooter's size and weight, indicating its portability with dimensions of 43 inches in length and a weight of 22 lbs (10 KG).

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Aovowheel Electric Scooter Model 30 comes with a 1-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

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. These variations are not covered under warranty unless they indicate a manufacturing defect.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Aovowheel customer service. Refer to the contact information provided with your purchase or visit the official Aovowheel website for support details.

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