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## Aovowheel Y06

# Aovowheel Electric Scooter Y06 User Manual

Model: Y06

## 1. INTRODUCTION AND SAFETY GUIDELINES

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Thank you for choosing the Aovowheel Y06 Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

### 1.1 General Safety Precautions

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride in wet conditions, heavy rain, or through puddles.
- Avoid riding on uneven surfaces, loose gravel, or steep inclines.
- Ensure both brakes are functioning correctly before each ride.
- Observe all local traffic laws and regulations.
- Do not allow children under the recommended age (10 years) to operate the scooter.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not perform stunts or sudden maneuvers.
- The maximum weight limit for this scooter is 265 pounds (120 kg).

# Enjoy the Ride for Adults & Big Kids



Figure 1: Aovowheel Y06 Electric Scooter in use, highlighting age, height, and weight recommendations.

## 2. PRODUCT OVERVIEW AND COMPONENTS

The Aovowheel Y06 Electric Scooter is designed for urban commuting and recreational riding, featuring a robust design and smart functionalities.

### 2.1 Key Features

- **Powerful Motor:** Equipped with a 350W brushless motor for speeds up to 19 MPH and 15% uphill climbing capability.
- **Long Range Battery:** 36V/5.2AH Lithium Battery providing up to 16 miles of range on a single charge, with approximately 4 hours fast charging time.
- **Dual Braking System:** Features EABS front brake and rear drum brake for reliable stopping power.
- **Solid Tires:** 8.5-inch solid rubber tires offer a smooth ride and are maintenance-free.
- **Smart APP Control:** Connects to a dedicated app for monitoring status, setting speed limits, customizing cruise mode, and controlling lighting.

- **Three Speed Modes:** Adjustable speed modes (E-7.5 MPH, D-11 MPH, S-19 MPH) suitable for various skill levels.
- **Foldable Design:** 3-second fast folding technology for easy storage and portability.
- **Integrated Lighting:** Bright LED headlight and rear brake light for enhanced visibility.

## 2.2 Scooter Components

Familiarize yourself with the main parts of your Aovowheel Y06 scooter:

- Handlebar with grips, throttle, and brake levers.
- Multifunctional LCD display.
- LED Headlight.
- Folding mechanism.
- Foot deck with integrated battery.
- Front and rear 8.5-inch solid tires.
- Rear drum brake and EABS front brake.
- Rear brake light.
- Kickstand.



Figure 2: Key features of the Aovowheel Y06 Electric Scooter.

## 3. SETUP AND INITIAL ASSEMBLY

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The Aovowheel Y06 Electric Scooter comes mostly pre-assembled. Follow these steps for quick 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:** Insert the handlebar into the stem and tighten any screws as indicated in the packaging. Ensure all cables are properly connected and not pinched.
3. **Initial Charge:** Before your first ride, fully charge the scooter's battery. Connect the charger to the charging port and then to a power outlet. The indicator light on the charger will change when fully charged (typically from red to green).
4. **Pre-Ride Check:** Verify that the brakes are working, tires are in good condition, and all connections are secure.

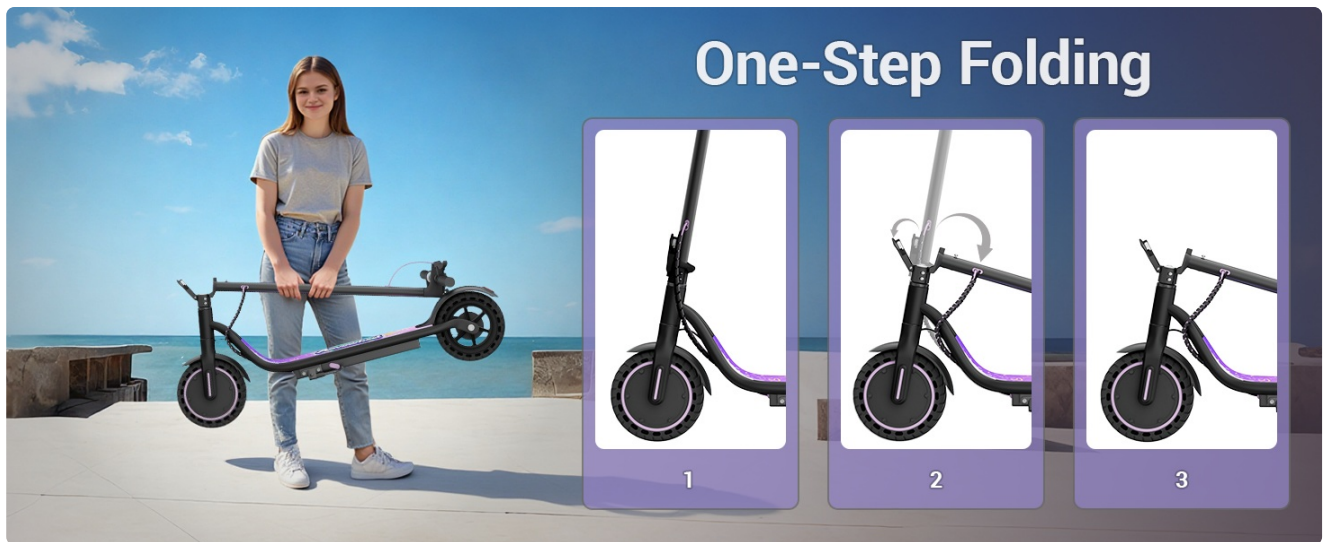


Figure 3: One-step folding mechanism for portability.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

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

### 4.2 Riding Modes

The scooter offers three speed modes. Press the mode button on the display to cycle through them:

- **E Mode (Eco):** Approximately 7.5 MPH (12 km/h) - Ideal for beginners or conserving battery.
- **D Mode (Drive):** Approximately 11 MPH (18 km/h) - Standard mode for balanced performance.
- **S Mode (Sport):** Approximately 19 MPH (31 km/h) - For maximum speed and performance.

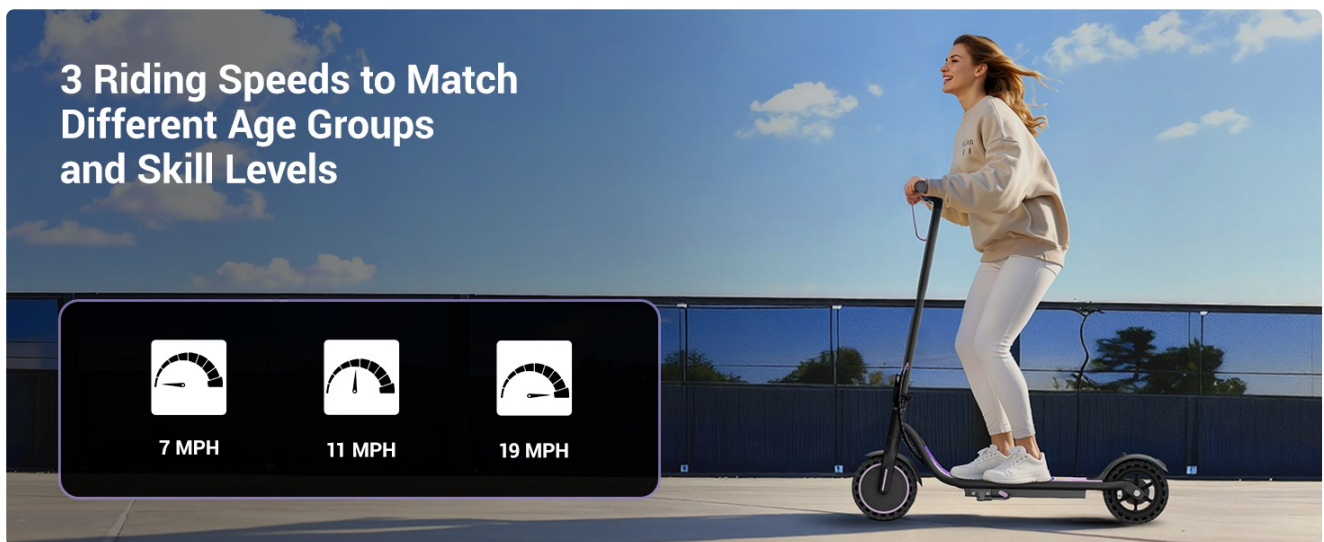


Figure 4: Three adjustable speed modes for different riding preferences.

### 4.3 LCD Display Functions

The high-definition LCD screen displays vital information:

- Current Speed
- Battery Level

- Riding Mode (E, D, S)
- Headlight Status
- Bluetooth Connection Status
- Mileage

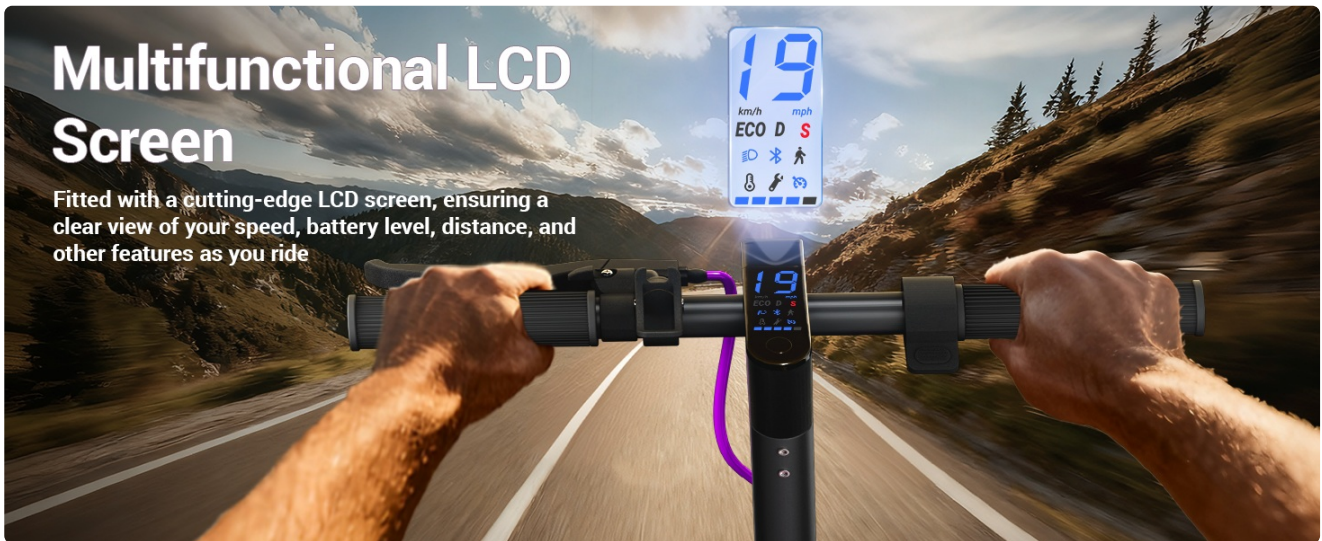


Figure 5: Multifunctional LCD screen for real-time riding data.

#### 4.4 Smart APP Control

Download the dedicated Aovowheel app to unlock additional features:

- Connect your scooter via Bluetooth.
- Unlock/Lock the scooter.
- Turn headlights on/off.
- Set custom speed limits.
- Activate/Deactivate cruise control.
- Monitor battery and mileage.



Figure 6: App control interface for enhanced scooter management.

#### 4.5 Braking System

The scooter is equipped with a dual braking system for optimal safety:

- **EABS Front Brake:** Electronic Anti-lock Braking System for smooth and controlled deceleration.
- **Rear Drum Brake:** Mechanical brake on the rear wheel for additional stopping power.



Figure 7: Dual braking system for enhanced safety.

## 4.6 Lighting System

For visibility and safety, the scooter includes:

- **LED Headlight:** Illuminates the path ahead.
- **Rear Brake Light:** Activates upon braking to alert others.



Figure 8: Integrated lighting system for visibility.

## 4.7 Official Product Video

Your browser does not support the video tag.

Video 1: Official product overview and demonstration of the Aovowheel Electric Scooter's features and operation.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Aovowheel Y06 Electric Scooter.

### 5.1 Battery Care

- Charge the battery fully before first use.
- Do not allow the battery to completely drain. Recharge it after each use or when the battery indicator is low.
- If storing the scooter for an extended period, charge the battery to about 50-70% every 30-60 days to prevent deep discharge.
- Use only the original charger provided with the scooter.
- Avoid exposing the battery to extreme temperatures.



Figure 9: Long mileage battery and charging information.

## 5.2 Cleaning and Storage

- Wipe the scooter clean with a damp cloth after each ride. Do not use high-pressure water or harsh chemicals.
- Store the scooter in a dry, cool place, away from direct sunlight and moisture.
- When storing, ensure the scooter is folded to save space.

## 5.3 Brake and Tire Inspection

- Regularly check the brake levers and cables for proper tension and responsiveness.
- Inspect the solid tires for any signs of wear, cuts, or damage. While maintenance-free for inflation, physical damage can affect performance.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your Aovowheel Y06 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose connections; power button issue.	Charge the battery fully. Check all cable connections. If issue persists, contact support.
Reduced range or speed.	Low battery; riding uphill frequently; heavy load; extreme temperatures.	Ensure battery is fully charged. Ride on flatter terrain. Reduce load. Avoid extreme temperatures.
Brakes feel weak or unresponsive.	Brake cable loose; brake pads worn; EABS malfunction.	Inspect brake cables and adjust tension. Check brake pads for wear. If necessary, contact support for inspection.
App not connecting to scooter.	Bluetooth off; app not updated; scooter not in pairing mode.	Ensure Bluetooth is enabled on your device. Update the app. Restart both scooter and device.

## 7. SPECIFICATIONS

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Detailed technical specifications for the Aovowheel Y06 Electric Scooter:

Feature	Detail
Brand	Aovowheel
Model Name	Y06
Motor Power	350W
Max Speed	19 MPH (31 km/h)
Max Distance Range	16 Miles (25 km)
Battery	36V/5.2Ah Lithium Battery
Charging Time	Approx. 4 hours
Tire Size	8.5 Inches
Tire Type	Solid Rubber
Brake Style	Front EABS, Rear Drum Brake
Frame Material	Aluminum
Product Dimensions (LxWxH)	43" x 20" x 5.7" (109cm x 51cm x 14.5cm)
Weight Limit	265 Pounds (120 kg)
Age Range (Recommended)	10-60 years
Special Feature	Foldable, APP Control, LED Lighting

## 8. WARRANTY AND SUPPORT

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## 8.1 Product Warranty

The Aovowheel Y06 Electric Scooter comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

## 8.2 Customer Support

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

**Online Resources:** For additional tips, FAQs, and product updates, please visit the Aovowheel Store on Amazon.