

Aovowheel Y02FBA

Aovowheel Y02FBA Electric Scooter User Manual

Model: Y02FBA

1. INTRODUCTION

This manual provides essential information for the safe operation, proper setup, and maintenance of your Aovowheel Y02FBA Electric Scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. The Aovowheel Y02FBA Electric Scooter is designed for adults, featuring a powerful motor and long-range capabilities, suitable for daily commuting and short trips.

2. SAFETY GUIDELINES

Your safety is paramount. Always adhere to local traffic laws and regulations. This electric scooter is UL2272 certified, indicating compliance with electrical safety standards.

- **Wear Protective Gear:** Always wear a helmet, knee pads, and elbow pads when riding.
- **Age and Weight Limits:** Recommended for users aged 10-60. The maximum load capacity is 265 lbs (120 kg).
- **Environmental Conditions:** Avoid riding in wet conditions, heavy rain, or on slippery surfaces. The scooter's tires may lose grip, increasing the risk of falls.
- **Pre-Ride Check:** Before each ride, ensure the brakes are functioning correctly, tires are in good condition, and all quick-release mechanisms are securely fastened.
- **Awareness:** Be aware of your surroundings, pedestrians, and other vehicles. Maintain a safe distance from obstacles.
- **No Stunts:** Do not attempt stunts, jumps, or aggressive riding, as this can lead to injury and damage the scooter.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your Aovowheel Y02FBA Electric Scooter:

- **Handlebars:** Equipped with grips, brake levers, throttle, and an LCD display.
- **Stem:** The vertical bar connecting the handlebars to the deck, featuring a folding mechanism.
- **Headlight:** Front-mounted light for visibility.
- **Front Wheel:** Includes a solid tire and electronic brake.
- **Deck:** The platform where you stand, housing the battery.
- **Rear Wheel:** Includes a solid tire, drum brake, and taillight.
- **Kickstand:** For parking the scooter.

- **Charging Port:** Located on the deck for battery charging.

4. SETUP

4.1 Unfolding and Folding

The Aovowheel Y02FBA features a one-step folding mechanism for portability and storage.

1. **To Unfold:** Release the folding latch on the stem. Lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.
2. **To Fold:** Press the safety button and pull the folding lever to release the stem. Carefully lower the stem until it clicks into place, securing it to the rear fender.



EASY TO FOLD & CARRY



The scooter is designed for easy folding and carrying, making it convenient for transport or storage.



Visual guide for the one-step folding process, highlighting the ease of operation.

4.2 Initial Charging

Before your first ride, fully charge the scooter's battery. A full charge typically takes approximately 5 hours.

- Connect the charger to the charging port on the scooter.
- Plug the charger into a power outlet. The indicator light on the charger will change (e.g., from red to green) when charging is complete.
- Always use the original charger provided with your scooter.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

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

5.2 Riding Modes

The scooter offers multiple riding modes to suit different preferences and conditions. Switch between modes using the control button on the display.



The scooter features four distinct riding modes, each with a different maximum speed.

- **Walk Mode:** Approximately 4 MPH (6.4 km/h) - For walking alongside the scooter.

- **Eco Mode:** Approximately 7 MPH (11.3 km/h) - For energy-efficient riding.
- **Comfort Mode:** Approximately 11 MPH (17.7 km/h) - A balanced speed for general use.
- **Sport Mode:** Up to 22 MPH (35.4 km/h) - For maximum speed and performance.

5.3 LCD Display

The integrated LCD screen provides real-time information during your ride.



The LCD screen provides clear visibility of essential riding information.

- **Speed:** Current riding speed.
- **Battery Level:** Remaining battery charge.
- **Distance:** Trip distance or total mileage.
- **Riding Mode Indicator:** Shows the currently selected mode.

5.4 Smart App Control

Enhance your riding experience by connecting your scooter to the Vicont App via Bluetooth.

SMART APP CONTROL



The Vicont App allows for smart control and customization of your scooter's functions.

- **Pairing:** Turn on Bluetooth on your smartphone and open the Vicont App to pair with your scooter.
- **Functions:** The app allows you to unlock the scooter, activate cruise control, turn the headlight on/off, switch riding modes, and set speed limits.
- **Note:** The scooter can be ridden without the app, but the app provides additional features.

5.5 Braking System and Lighting

The scooter is equipped with a dual braking system and a lighting system for enhanced safety.

STRONG SECURITY

Dual Braking System And Lighting System



The dual braking and lighting systems contribute to a safer riding experience.

- **Dual Braking:** Features a front electronic brake and a rear wheel drum brake for responsive stopping power.
- **Headlight:** A bright front headlight illuminates your path and makes you visible to others.
- **Taillight:** A warning taillight enhances visibility from the rear, especially during braking.

6. MAINTENANCE

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

- **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.
- **Tire Inspection:** The scooter uses 10-inch solid tires, which do not require inflation. Regularly inspect them for wear, cuts, or embedded debris.
- **Brake Check:** Periodically check the responsiveness of both the electronic and drum brakes. If braking performance degrades, consult a service professional.

- **Fastener Checks:** Regularly inspect all screws and bolts, especially those on the handlebars and folding mechanism, to ensure they are tight. A tool is included for minor adjustments.
- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.

7. TROUBLESHOOTING

If you encounter issues with your scooter, refer to these common troubleshooting tips:

- **Scooter Not Powering On:** Ensure the battery is charged. Check the power button for proper function.
- **Scooter Not Accelerating:** Verify that the throttle is engaged correctly. Check for any error codes on the LCD display. If an error code appears, refer to the app or contact customer support.
- **Loose Handlebars:** If handlebars feel loose, carefully tighten the screws at the base of the handlebars using the provided tool. Do not overtighten.
- **Reduced Range/Speed:** This could indicate a low battery charge, riding in a lower power mode, or riding against strong headwinds/uphill. Ensure the battery is fully charged and consider the riding mode.
- **Unusual Noises:** Stop riding immediately and inspect the scooter for any loose parts or damage.

For persistent issues or complex repairs, please contact Aovowheel customer support.

8. SPECIFICATIONS

Key technical specifications for the Aovowheel Y02FBA Electric Scooter:

Feature	Specification
Brand	Aovowheel
Model Name	Y02FBA
Motor Power	500W (Peak 700W) / 350W / 250W options
Max Speed	Up to 19 mph (30.5 km/h)
Max Range	Up to 21-28 miles (33.8-45 km) under specific conditions
Battery Charge Time	Approximately 5 hours
Weight Limit	265 pounds (120 kg)
Product Dimensions	43"L x 20"W x 5.7"H (109cm L x 51cm W x 14.5cm H)
Item Weight	36 lbs (16.3 kg) - based on feature bullets, 19.69 kg from specs is likely shipping weight. Using 36LBS from feature bullets for portable weight.
Wheel Size	10 inches
Tire Type	Solid Rubber
Frame Material	Aluminum

Feature	Specification
Suspension Type	Dual Suspension (Front & Rear)
Brake Style	Front Electronic Brake, Rear Drum Brake
Special Features	Digital Display, Foldable, App Control
Certifications	UL2272 certified



Overview of the scooter's powerful motor and performance capabilities.

FRONT & REAR SHOCK ABSORBERS

A smooth ride through bumpy roads



The dual suspension system ensures a comfortable ride over varied terrain.



Details on the scooter's battery capacity, range, and charging time.

9. WARRANTY AND SUPPORT

Your Aovowheel Y02FBA Electric Scooter comes with a manufacturer's warranty.

- **Warranty Period:** 1 Year Manufacturer Warranty.
- **Manufacturer:** Aovowheel.
- **Support:** For warranty claims, technical assistance, or any questions regarding your scooter, please contact Aovowheel customer support through their official website or the retailer where the product was purchased.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question