

## WERHY 8.5" Electric Scooter

# WERHY 8.5" Electric Scooter User Manual

Model: 8.5" Electric Scooter

## 1. INTRODUCTION

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This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your WERHY 8.5" Electric Scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your scooter. Keep this manual for future reference.

## 2. SAFETY GUIDELINES

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Your safety is paramount. Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding. Adhere to local laws and regulations regarding electric scooter use. Do not ride in adverse weather conditions or on slippery surfaces.

- Always check brakes, tires, and battery charge before each ride.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid sudden turns or maneuvers at high speeds.
- Do not ride under the influence of alcohol or drugs.
- The scooter is designed for one rider only. Do not carry passengers.
- Recommended age for riders is 10+ years.
- Recommended rider height is between 3.9 ft and 5.6 ft.
- Maximum load capacity is 265 lbs (120 kg).

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the main components of your WERHY Electric Scooter.



Image 3.1: Overview of WERHY Electric Scooter key features including 350W motor, 12 miles max range, 8.5 inch solid tire, one-step folding, 19 MPH top speed, and 265 LBS max load.

## Key Components:

- **Handlebar:** Grips, brake levers, throttle, LED display, headlight.
- **Stem:** Folding mechanism, locking hook.
- **Deck:** Foot platform, battery compartment.
- **Wheels:** 8.5-inch solid rubber tires.
- **Motor:** 350W brushless motor (front wheel).
- **Braking System:** Electronic brake (E-brake) and rear drum brake.
- **Lights:** Front LED headlight and rear taillight.

## 4. SETUP

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### 4.1 Unboxing and Initial Assembly

Your scooter comes partially assembled. Follow these steps to complete the setup:

1. Carefully remove the scooter and all accessories from the packaging.
2. Lift the stem upright until it clicks into place. Secure the folding mechanism latch.
3. Attach the handlebar to the stem. Align the handlebar with the stem and secure it using the provided screws and tools. Ensure all screws are tightened firmly.

### 4.2 Initial Charging

Before your first ride, fully charge the scooter's battery.

- Locate the charging port, usually on the side of the deck.
- Connect the charger to the charging port, then plug the charger into a power outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
- Charging typically takes approximately 4 hours for a full charge.



Image 4.1: Information on the scooter's large capacity battery, including overcharge protection, 12 miles max range, and 4 hours fast charging.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

- To power on: Press and hold the power button on the LED dashboard for a few seconds.
- To power off: Press and hold the power button again until the display turns off.

### 5.2 Riding the Scooter

1. Place one foot firmly on the deck and push off with the other foot to gain initial momentum.
2. Once moving, place your second foot on the deck.
3. Gently press the throttle lever to accelerate.
4. To brake, release the throttle and gently squeeze the brake lever(s). The scooter features both an electronic brake and a drum brake for effective stopping.



Image 5.1: Illustration of the scooter's dual braking system, including E-ABS Brake and Drum Brake, designed to ensure riding safety.

### 5.3 Speed Modes

The scooter offers three-speed modes to suit different riding preferences and skill levels:

- Mode 1: Approximately 8 mph (13 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) - For experienced riders on open paths.

Tap the power button twice to switch between speed gears while riding.

## 5.4 Folding and Unfolding

The scooter features a one-step folding mechanism for easy portability and storage.

1. To fold: Ensure the scooter is powered off. Locate the folding latch on the stem. Release the latch and gently push the stem downwards until it locks into the rear fender hook.
2. To unfold: Release the stem from the rear fender hook. Lift the stem upwards until it clicks into its upright position and secure the folding latch.



Image 5.2: Demonstration of the lightweight foldable design, showing the 3-step folding process and how easily it can be stored in a car trunk.

## 5.5 Smart App and Dashboard

The LED smart dashboard displays real-time stats such as speed and battery level. You can also connect your scooter to a smart app for additional controls and vehicle settings.

# Manage Your Scooter



Image 5.3: A user interacting with the smart app on a phone, demonstrating how to manage the scooter's speed mode, lock/unlock function, and other vehicle settings.

## 5.6 Lights and Horn

- **Headlight:** Press the headlight button on the handlebar to turn the front LED light on or off.
- **Taillight:** The rear taillight illuminates when the headlight is on and brightens when braking.
- **Horn:** Press the horn button to alert others.

# Headlights & Taillights



Image 5.4: Close-up view of the scooter's handlebar showing the bright white LED headlight and a detail of the red rear taillight on the fender, highlighting the dual lighting system for safety.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.
- **Tires:** The scooter uses solid rubber tires, eliminating the need for inflation. Regularly inspect them for wear or damage.
- **Brakes:** Periodically check the brake levers and cables for proper function and adjustment. Ensure the drum brake is responsive.
- **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.
- **Fasteners:** Periodically check all screws and bolts, especially on the handlebar and folding mechanism, to ensure they are tight.

## 7. TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose connections.	Charge the battery fully. Check all cable connections.
Motor not engaging or weak power.	Low battery; motor connection issue; incorrect speed mode.	Charge battery. Check motor cables. Switch to a higher speed mode.
Brakes are not effective.	Brake cable loose; worn brake pads.	Adjust brake cable tension. Inspect and replace brake pads if necessary.
Handlebar feels loose or shakes.	Handlebar screws are loose.	Tighten the four screws that secure the handlebar to the stem.
Lights not working.	Loose connection; faulty LED.	Check connections. If issue persists, contact support.

## 8. SPECIFICATIONS

Technical specifications for the WERHY 8.5" Electric Scooter.



Image 8.1: Detailed specifications including 265 LBS max loading, 22 LBS net weight, 3.9 ft - 5.6 ft recommended height, and 10+ years recommended age.

Feature	Detail
Motor Power	350W Brushless Motor
Top Speed	Up to 19 mph (30 km/h)
Max Range	12 miles (19 km) per charge
Charging Time	Approximately 4 hours
Wheel Size	8.5 Inches
Wheel Type	Solid Rubber
Braking System	Electronic Brake + Drum Brake

Feature	Detail
Max Load Capacity	265 lbs (120 kg)
Net Weight	22 lbs (10 kg)
Recommended Age	10+ Years
Recommended Height	3.9 ft - 5.6 ft (120 cm - 170 cm)
Climbing Slope	Up to 15°

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation included with your purchase or visit the official WERHY website. If you encounter any issues not covered in this manual or require further assistance, please contact WERHY customer support.

**Contact Information:** Please refer to your purchase receipt or the WERHY official website for the most up-to-date customer support contact details.