

[Manuals.plus](#) /

› [WERHY](#) /

› WERHY H1L Electric Scooter User Manual - 14-inch Tires, 22 mph, Dual Suspension

WERHY H1L

WERHY H1L Electric Scooter User Manual

Model: H1L | Brand: WERHY

INTRODUCTION

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your WERHY H1L Electric Scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. Retain this manual for future reference.

SAFETY GUIDELINES

Your safety is paramount. Always adhere to local laws and regulations regarding electric scooter usage. Failure to follow these guidelines may result in serious injury or property damage.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride under the influence of alcohol or drugs.
- Ensure all components are securely fastened before each ride.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice).
- Do not exceed the maximum weight limit of 265 pounds.
- Familiarize yourself with the braking system and practice emergency stops in a safe area.
- Children should only operate the scooter under direct adult supervision.

SETUP AND ASSEMBLY

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. Included components are the Electric Scooter, Charger, and Manual. Additional accessories like a phone holder, pump, and lock may also be included.

2. Assembly

The WERHY H1L scooter comes partially assembled. Follow these steps to complete the assembly:

1. **Handlebar Attachment:** Securely attach the handlebar to the main stem. Ensure all bolts are tightened according to the provided instructions.
2. **Seat Installation:** Install the seat and rear seat box onto the designated mounting points. Adjust the seat height for comfortable riding.
3. **Tire Inflation:** Check the tire pressure of the 14-inch pneumatic tires. Inflate to the recommended PSI using the included pump if necessary.
4. **Brake Check:** Test both front and rear brakes to ensure they are functioning correctly and provide adequate stopping power.



Image: The WERHY H1L Electric Scooter, fully assembled with its seat and rear basket.

3. Initial Charging

Before your first ride, fully charge the scooter's battery. Connect the charger to the scooter's charging port and then to a power outlet. The charging indicator will show the charging status. A full charge typically takes 4-5 hours.

500W Powerful Brushless Motor



Image: Illustration of the 48V 10.4 & 22.5Ah large capacity battery and fast charging capability.

OPERATING INSTRUCTIONS

1. Power On/Off and Digital Display

Press and hold the power button on the handlebar to turn the scooter on or off. The digital display will activate, showing current speed, battery level, and selected speed mode (E/D/S).

Foldable & Portable



Folds 3s. After folding only 47*23 inch

Image: Close-up of the digital display on the handlebar, indicating speed modes (E, D, S) and battery level.

2. Speed Modes

The scooter features three adjustable speed modes:

- **E Mode (Eco):** Approximately 8 mph, suitable for beginners or crowded areas.
- **D Mode (Drive):** Approximately 13 mph, balanced speed for general riding.
- **S Mode (Sport):** Up to 22 mph, for experienced riders on open roads.

Toggle between modes using the designated button on the handlebar.

3. Braking System

The WERHY H1L is equipped with an EABS (Electronic Anti-lock Braking System) combined with mechanical brakes for reliable stopping power. Apply both brakes gently and evenly for controlled deceleration. Avoid sudden, harsh braking, especially at high speeds.

WERHY **H1L&H1LPro** Electric Scooter With Seat



4X
Suspension



14"
Pneumatic Tire



7.5"*11"
Comfortable
Wide Seat



Rear
Seat Box



500W
Powerful Motor



48V 10.4 & 22.5Ah
Battery

Image: Detailed view of the powerful 500W brushless motor and disc brake system on the rear wheel.

4. Lighting System

The scooter includes an adjustable angle headlight with a 100-ft lighting range and an eye-catching taillight with integrated brake lighting. Ensure lights are functional before riding in low-light conditions.

5. Folding and Portability

To fold the scooter, locate the folding mechanism on the stem. Follow the instructions to release the latch and fold the stem downwards until it locks into place. The folded dimensions are approximately 47x23 inches, making it convenient for transport and storage.

Intelligent One-Stop Control

E
8 MPH

D
13 MPH

S
22 MPH



3 Speed
Mode E/D/S



Speed
Display



Battery
Level Display



Image: A person demonstrating the folding mechanism and placing the compact scooter into a car trunk.

6. Rear Seat Box/Basket

The removable rear seat box provides convenient storage for personal belongings. Ensure it is securely attached before riding. The wide pedal (21x9 inches) also offers ample foot space.

Vehicle Suspension Design



Image: The scooter highlighting the dimensions of the wide pedal and the removable rear seat box.

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 Pressure:** Check the pressure of the 14-inch pneumatic tires weekly. Proper inflation improves ride quality and extends tire life.
- **Brake Inspection:** Periodically inspect brake pads and cables for wear and proper adjustment. Replace worn parts promptly.
- **General Cleaning:** Wipe down the scooter with a damp cloth after use. Avoid using high-pressure water jets directly on electrical components.

- **Fastener Check:** Regularly check all bolts and fasteners to ensure they are tight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose battery connection; Faulty power button	Charge the battery; Check battery connections; Contact support if button is faulty
Reduced range or power	Under-inflated tires; Battery degradation; Overload	Inflate tires to correct pressure; Ensure battery is fully charged; Do not exceed weight limit
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable)	Inspect and replace brake pads; Adjust brake cable tension; Consult a professional for hydraulic issues
Unusual noises during operation	Loose components; Debris in wheels/motor; Suspension issues	Check all fasteners; Inspect wheels and motor for obstructions; Lubricate suspension components or contact support

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	WERHY
Model Name	H1L
Motor Power	500W
Max Speed	22 mph
Max Range	Up to 27/49 Miles (depending on battery variant)
Battery Capacity	499.2Wh (48V 10.4Ah or 22.5Ah options)
Charging Time	Approx. 4-5 hours
Tire Size	14 Inches
Tire Type	Pneumatic (Rubber)
Suspension	Dual Suspension (Front and Rear)
Brake Style	EABS (Electronic) & Mechanical (Front Braking)
Max Load	265 Pounds

Feature	Detail
Material	Aluminum
Special Features	Digital Display, Cruise Control, Foldable Design, Rear Seat Box/Basket

WARRANTY AND SUPPORT

WERHY provides a warranty for your electric scooter:

- **Scooter and Parts:** One-year warranty.
- **Battery and Motor:** Six-month warranty.

For warranty claims, technical assistance, or any questions regarding your WERHY H1L Electric Scooter, please contact WERHY customer support. Refer to your purchase documentation for specific contact details or visit the official WERHY website.

© 2025 WERHY. All rights reserved.

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

Anonymous

Email

you@example.com

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

