

ENGWE ENGWE 4 Wheel Mobility Scooter

ENGWE Folding 4 Wheel Mobility Scooter User Manual

Model: ENGWE 4 Wheel Mobility Scooter

1. INTRODUCTION

Thank you for choosing the ENGWE Folding 4 Wheel Mobility Scooter. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new mobility device. Please read this manual thoroughly before using the scooter to ensure proper understanding and to maximize its lifespan.

This scooter is designed to provide reliable and comfortable mobility for adults and seniors, featuring a robust 250W motor, a 15.5-mile range, and a comfortable, adjustable seat. Its compact and foldable design makes it convenient for transport and storage.



Image 1.1: The ENGWE Folding 4 Wheel Mobility Scooter, showcasing its overall design and features including the front basket and comfortable seat.

2. SAFETY GUIDELINES

Your safety is paramount. Adhere to the following guidelines to prevent injury or damage to the scooter.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 265 lbs (120 kg). Overloading can compromise stability and performance.
- **Slope Safety:** The scooter is equipped with a slope safety mechanism. Its default state is "parked" to ensure it remains motionless on inclines or declines when not actively driven. Always exercise caution on slopes.
- **Anti-Roll Wheels:** The design includes anti-roll wheels above the rear wheels to prevent backward tipping.
- **Terrain:** The 8-inch solid tires and 5.5 inches of ground clearance allow for stable performance on various terrains such as grass, damaged concrete, and rocky roads. However, avoid excessively rough or uneven surfaces.

- **Operation:** Always operate the scooter with both hands on the handlebars and maintain a stable posture.
- **Pre-Ride Check:** Before each use, inspect the tires, brakes, and battery level.
- **Environmental Conditions:** Avoid operating the scooter in heavy rain, snow, or extreme temperatures.

Thoughtful Details for Double the Safety



Cobbled Roads



Speed Bumps



Lawns



Gravel Roads



Image 2.1: The scooter demonstrating its capability on different surfaces including cobbled roads, speed bumps, lawns, and gravel roads, highlighting its robust design for varied environments.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your ENGWE Mobility Scooter:

- **Handlebar and Control Panel:** Located at the front, includes speed adjustment, battery indicator, ON/OFF switch, forward/reverse controls, headlight switch, and horn.
- **Adjustable Seat:** Features a comfortable, upholstered faux leather cushion that can swivel 360° for easy boarding and alighting. Dimensions: 18.5"L x 17.7"W x 15.8"H.
- **Armrests:** Adjustable for user comfort.
- **Front Basket:** Detachable for convenient storage of personal items.
- **Headlight:** Integrated for improved visibility.
- **Motor:** 250W electric motor.
- **Battery:** 24V 12Ah battery, providing a range of up to 15.5 miles.
- **Wheels:** Four 8-inch solid tires for stability and durability.

Comfortable Driving

Adjustable armrest for your comfort



RECOMMENDED
HEIGHT:
150-180CM



LOAD CAPACITY:
264.5 lbs
(120kg)

Image 3.1: Detailed view of the scooter's dimensions and adjustable features, including the seat height, handlebar angle, and overall length, illustrating its ergonomic design.

Cushion **Upgrade!** Bigger, Thicker And Wider

Make your outings more comfortable



Image 3.2: Comparison showing the upgraded seat cushion, which is bigger, thicker, and wider (18.5" x 17.7" x 15.8") for enhanced comfort compared to the previous version.

4. SETUP AND ASSEMBLY

The ENGWE Mobility Scooter is designed for straightforward assembly. Follow these steps to prepare your scooter for use:

1. **Adjust Handlebar Angle:** Unfold the handlebar and adjust it to a comfortable operating angle. Ensure it is securely locked in place.
2. **Install Battery Enclosure:** Place the battery enclosure into its designated compartment on the scooter's base.
3. **Install the Seat:** Mount the seat onto the scooter's base. Ensure it clicks securely into place and can swivel freely.
4. **Install the Basket:** Attach the detachable front basket to the handlebar post.

After assembly, ensure all connections are secure and the scooter is stable before initial operation.



4 steps to complete the installation



Adjust handlebar angle



Install the Battery Enclosure



Install the seat



Install the basket

Image 4.1: Visual guide illustrating the four simple steps required to complete the assembly of the scooter: adjusting the handlebar, installing the battery enclosure, installing the seat, and attaching the basket.

5. OPERATING INSTRUCTIONS

Operating your ENGWE Mobility Scooter is intuitive. Follow these instructions for a safe and enjoyable ride.

5.1. Control Panel Overview

At-a-Glance Operation Pane



Image 5.1: Diagram of the scooter's control panel, highlighting the speed adjustment knob, battery life indicator, ON/OFF switch, forward/backward controls, high beam headlight button, and horn button.

- **ON/OFF Switch:** Press to power the scooter on or off.
- **Speed Adjustment Knob:** Rotate to adjust the maximum speed. The scooter has a top speed of 6.2 mph.
- **Battery Life Indicator:** A color-coded display shows the current battery status. Ensure sufficient charge before long trips.
- **Forward/Reverse Controls:** Use the levers on the left and right to control forward and reverse motion.

- **High Beam Headlight:** Press the button to turn the front headlight on or off for visibility.
- **Horn:** Press the button to sound the horn for alerting others.

5.2. Driving

- Once powered on, gently press the forward lever to begin moving. Release the lever to slow down and stop.
- To reverse, gently press the reverse lever.
- Steer by turning the handlebar.
- The scooter has a rated range of 15.5 miles per charge, suitable for daily trips and errands.

Ride Without Range Anxiety

15.5
miles

250W
motor

15°
climbing



Image 5.2: Infographic highlighting key performance metrics: 15.5 miles range, 250W motor, and 15° climbing capability, ensuring a worry-free riding experience.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scooter.

- **Battery Care:** Charge the battery fully after each use, especially if it will be stored for an extended period. Avoid completely draining the battery.
- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using harsh chemicals or abrasive cleaners. Do not spray water directly onto electrical components.
- **Tire Inspection:** Regularly check the 8-inch solid tires for wear and tear. While solid tires do not require air pressure checks, inspect for any damage.
- **General Inspection:** Periodically check all nuts, bolts, and fasteners to ensure they are tight. Inspect cables and connections for any signs of damage.
- **Storage:** When not in use, store the scooter in a dry, cool place, away from direct sunlight and extreme temperatures. The scooter folds compactly for easy storage (40.55"L x 19.68"W x 18.89"H).

Compact Size Highly Functional

Folds in 10 seconds and 2 steps. Fits easily in your RV or SUV making it the perfect travel partner.



Image 6.1: The ENGWE Mobility Scooter folded and stored in the trunk of an SUV, demonstrating its compact size and ease of transport, making it a perfect travel companion.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your scooter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or not connected. ON/OFF switch is off.	Charge the battery. Ensure battery is properly connected. Press the ON/OFF switch.
Scooter moves slowly or inconsistently.	Low battery charge. Speed adjustment knob set too low. Overloaded.	Recharge the battery. Adjust speed knob to a higher setting. Reduce load to within capacity.
Headlight or horn not working.	Loose connection. Faulty component.	Check connections. If issue persists, contact customer support.
Unusual noises during operation.	Loose parts. Obstruction.	Inspect for loose components or obstructions. Tighten any loose fasteners.

8. SPECIFICATIONS

Key technical specifications for the ENGWE Folding 4 Wheel Mobility Scooter:

Feature	Specification
Model Name	ENGWE 4 Wheel Mobility Scooter
Motor Power	250W
Battery	24V 12Ah
Rated Range	Up to 15.5 miles (25 km)
Top Speed	6.2 mph (10 km/h)
Maximum Weight Recommendation	265 lbs (120 kg)
Item Weight	130 Pounds (59 kg)
Wheel Size	8 Inches
Ground Clearance	5.5 inches
Brake Style	Disc
Color	Red
Folded Dimensions (Approx.)	40.55"L x 19.68"W x 18.89"H (103cm x 50cm x 48cm)
Seat Dimensions	18.5"L x 17.7"W x 15.8"H (47cm x 45cm x 40cm)


9. WARRANTY AND CUSTOMER SUPPORT

ENGWE is committed to providing excellent customer service.


- **Warranty:** Your mobility scooter comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase.
- **Contact Us:** If you encounter any problems, have questions, or require assistance, please do not hesitate to contact our customer support team. We aim to reply within 24 hours and resolve issues as quickly as possible.

For support, please refer to the contact information provided with your purchase documentation or visit the official ENGWE website.


Related Documents - ENGWE 4 Wheel Mobility Scooter




1. Special Key: The keys of this mobility scooter have a different appearance from the regular keys, also included in the accessory bag.




2. Upgrade Bolt & Nut: This batch of mobility scooters has been equipped with a set of M8 x 45mm Bolt & Nut, instead of the bolt of the last batch, locking more durable without any risk of loss.




3. The Charger LED Signal From the Above to the Below:
First Light: The charger is plug or battery full charge.
Second Light: The battery charging.
Third Light: The charger is in electricity and running regularly.




4. The Switch Behind the Chair: Before turn on with the key, please pull the switch to the "D Model". If it is on the "N Model", it won't run but only "bump - bump" again and again.




5. The Cruise: 1. Key 2. Battery Power Display 3. Speed Adjuster



6. The Seat Bolt & Battery Assembly: Lock down the seat with the bolt and nut, and please tighten the battery knob in the horizontal, to make sure that the battery pack is secure.













7. Notice: Before the first use, please ensure that the battery is within the full charge.



8. At last, ensure the switch has been pushed to the "D Model", and while you insert the key, you hear a "bump", and the battery power display lighting on, that is mean you make it.

[ENGWE Mobility Scooter User Guide: Setup and Operation](#)

A guide to setting up and operating the ENGWE 4 Wheel Powered Mobility Scooter, covering key components, charging, and basic operation.

 	<p>ENGWE Y10 Electric Scooter User Manual - Safety, Assembly, and Operation</p> <p>Comprehensive user manual for the ENGWE Y10 electric scooter. Includes safety guidelines, assembly instructions, maintenance tips, specifications, and operating procedures.</p>
 	<p>Engwe Y10 Electric Scooter User Manual - Safety, Specs, Operation & Maintenance</p> <p>Comprehensive guide for the Engwe Y10 electric scooter. Learn about safety, assembly, maintenance, specifications, operation, and warranty. Get the most out of your e-scooter.</p>
  20 inch Front Suspension Folding Electric Bike Operation and maintenance manual Before using the e-bike, please read the safety and maintenance instructions. Can safely ride for safety.	<p>ENGWE C20 PRO Electric Bike: Operation and Maintenance Manual</p> <p>Comprehensive guide for the ENGWE C20 PRO 20-inch folding electric bike, covering operation, assembly, maintenance, safety, and specifications. Learn how to safely operate and care for your e-bike.</p>
  Y600 SCOOTER OWNER'S MANUAL	<p>Engwe Y600 Electric Scooter Owner's Manual and Quick Start Guide</p> <p>This document provides a comprehensive owner's manual and quick start guide for the Engwe Y600 electric scooter, detailing safety instructions, assembly, operation, maintenance, troubleshooting, and warranty information.</p>
  20 inch Front Suspension Folding Electric Bike Operation and maintenance manual Before using the e-bike, please read the safety and maintenance instructions. Can safely ride for safety.	<p>ENGWE C20/C20 PRO Electric Bike: Operation and Maintenance Manual</p> <p>Comprehensive operation and maintenance manual for ENGWE C20 and C20 PRO 20-inch front suspension folding electric bikes, covering safety, assembly, operation, care, specifications, and troubleshooting.</p>