

ENGWE S6

ENGWE S6 Electric Scooter User Manual

Model: S6

1. IMPORTANT SAFETY INFORMATION

Read this manual thoroughly before operating the ENGWE S6 Electric Scooter. Failure to follow instructions and safety warnings may result in serious injury, property damage, or voiding of your warranty.

- **Always wear a helmet and appropriate safety gear** (knee pads, elbow pads, gloves) when riding.
- Do not ride in wet conditions, heavy rain, or through puddles. The scooter is not waterproof.
- Observe all local traffic laws and regulations.
- Do not allow children under the age of 16 to operate the scooter.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding on uneven surfaces, steep inclines, or over obstacles that could cause loss of control.
- Regularly inspect the scooter for damage, loose parts, and proper brake function before each ride.
- Do not perform stunts or aggressive maneuvers.
- Maximum weight capacity is 120 kg (264 lbs). Do not exceed this limit.

2. PRODUCT OVERVIEW

The ENGWE S6 Electric Scooter is designed for adult riders, featuring a powerful motor, long-range battery, and a comfortable seat for an enhanced riding experience. Its foldable design allows for easy storage and transport.

Key Components

- Handlebars with LCD Display and Controls
- Front and Rear Mechanical Disc Brakes
- Headlight, Brake Light, and Turn Signals
- Folding Mechanism

- Removable Seat
- 10-inch Vacuum Tires
- Front and Rear Suspension System
- Charging Port

UPGRADED MOTOR

MORE POWERFUL STABLE AND SAFER.
SHIMANO 7 Speed Gears

UL
LISTED

PEAK 850W
48V 500W Brushless Hub Motor

25KM/H(15MPH)
Top Speed

25N.M
Torque

Image: The ENGWE S6 Electric Scooter shown in its full form with the seat attached, and a smaller inset image demonstrating its folded state for portability.

3. SETUP AND INITIAL ASSEMBLY

The ENGWE S6 Electric Scooter comes mostly pre-assembled. Follow these steps for final setup before your first ride.

3.1 Unfolding the Scooter

1. Place the scooter on a flat, stable surface.
2. Locate the main folding latch on the stem. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure the latch is securely engaged.

3. Unfold the handlebars by releasing the handlebar folding mechanism and extending them fully. Secure the locking mechanism.
4. Adjust the handlebar height to a comfortable position and secure the quick-release clamp.

Perfect Terrain Adaptability

Enough To Conquer Any Road

All-terrain Tires

3.0
Inch



Anti-puncture, Anti-slip Fat Tires with Good Quality in Various Terrains



GRAVEL ROAD **MOUNTAIN ROAD** **FLAT ROAD**



Image: Close-up view of the ENGWE S6 Electric Scooter's folding mechanism on the main stem, illustrating how the scooter can be compacted for storage or transport.

3.2 Attaching the Seat (Optional)

If your model includes a seat, follow these steps:

1. Insert the seat post into the designated opening on the scooter deck.
2. Adjust the seat height to your preference and tighten the quick-release clamp securely.

Superior Battery Capacity Super Long Range Riding

48V | 10AH



Image: The ENGWE S6 Electric Scooter with its removable seat installed, showing the comfortable riding position it offers.

3.3 Initial Battery Charge

Before first use, fully charge the scooter's battery. Connect the charger to the scooter's charging port and then to a power outlet. The indicator light on the charger will change (e.g., from red to green) when charging is complete. This typically takes approximately 5 hours.

3.4 Pre-Ride Checks

- **Tires:** Ensure tires are properly inflated. The recommended pressure is usually indicated on the tire sidewall.
- **Brakes:** Test both front and rear brakes to ensure they engage smoothly and effectively.
- **Fasteners:** Check all visible bolts, nuts, and quick-release levers to ensure they are tight and secure.
- **Lights:** Verify that the headlight, brake light, and turn signals are functioning correctly.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

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

4.2 LCD Display Functions

The LCD display provides essential information about your ride:

- **Speed:** Current riding speed.
- **Battery Life:** Remaining battery charge level.
- **Mileage:** Total distance traveled.
- **Speed Mode:** Indicates the current speed setting.
- **Lighting:** Status of lights.



Image: A clear view of the ENGWE S6 Electric Scooter's LCD display, showing speed, battery level, and other ride information.

4.3 Speed Modes

The ENGWE S6 offers three speed modes for customizable riding:

- **First Gear:** 0-15 km/h (0-9 MPH) - Ideal for beginners or crowded areas.
- **Second Gear:** 16-30 km/h (10-19 MPH) - Balanced speed for general riding.
- **Third Gear:** 30-45 km/h (19-28 MPH) - Maximum speed for experienced riders on open roads.

THREE RIDING MODES



100%
PEDAL

NORMAL BIKE
100% PEDEL

50%
PEDAL

ASSISTED BIKE
50% PEDEL 50% POWER
60~95 miles

100%
POWER

PURE E-BIKE
100% POWER
35~40 miles



Image: Diagram illustrating the three distinct riding modes of the ENGWE S6 Electric Scooter: 100% Pedal (Normal Bike), 50% Pedal (Assisted Bike), and 100% Power (Pure E-Bike).

4.4 Riding the Scooter

1. **Starting:** Place one foot on the deck and push off with the other foot to gain initial momentum.
2. **Accelerating:** Gently press the throttle lever to engage the motor. Increase pressure for more speed.
3. **Braking:** Release the throttle and gently squeeze the brake levers on the handlebars. Apply both brakes simultaneously for optimal stopping power.
4. **Turning:** Lean slightly in the direction you wish to turn and use the handlebars for steering.

4.5 Folding for Storage/Transport

To fold the scooter, reverse the unfolding steps:

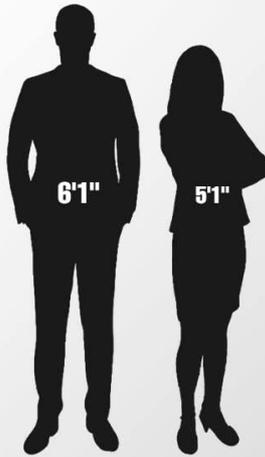
1. Ensure the scooter is powered off.
2. Lower the handlebar stem by releasing the quick-release clamp and then the main folding latch.
3. Fold the handlebars inward using their respective folding mechanisms.
4. If equipped, remove or fold the seat.

5'1"-6'1"

Rider Height

330lbs

Load capacity



30.7in
78cm



Folded Size
Mini Ebike
Light Weight: 54lbs

Image: The ENGWE S6 Electric Scooter shown in its compact, folded state, demonstrating its portability for storage or transport in a vehicle trunk.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ENGWE S6 Electric Scooter.

5.1 Battery Care

- Charge the battery fully after each ride, especially if it's been heavily used.
- Do not overcharge the battery; disconnect the charger once fully charged.
- If storing the scooter for an extended period, charge the battery to about 50-70% and recharge every 1-2 months to prevent deep discharge.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.

5.2 Tire Maintenance

- Regularly check tire pressure and inflate to the recommended PSI (usually found on the tire sidewall).

- Inspect tires for wear, punctures, or damage before each ride.



Image: Close-up of the 10-inch vacuum tire of the ENGWE S6 Electric Scooter, highlighting its tread pattern designed for various terrains.

5.3 Brake System

- Check brake levers for proper tension and responsiveness. Adjust if necessary.
- Inspect brake pads for wear and replace them when they are thin.



Image: Detailed view of the mechanical disc brake system on the ENGWE S6 Electric Scooter, showing the rotor and caliper.

5.4 Cleaning and Storage

- Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse it in water.
- Store the scooter in a dry, indoor location when not in use.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your ENGWE S6 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Faulty power button	Charge battery fully; Check all cable connections; Contact customer support if issue persists.
Reduced range or speed	Low tire pressure; Battery degradation; Riding conditions (hills, heavy load)	Inflate tires to correct pressure; Ensure battery is fully charged; Adjust riding style.

Problem	Possible Cause	Solution
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 brake system service.
Unusual noises during operation	Loose components; Debris in wheels/motor; Worn bearings	Inspect scooter for loose parts; Clean wheels and motor area; Contact customer support for inspection.

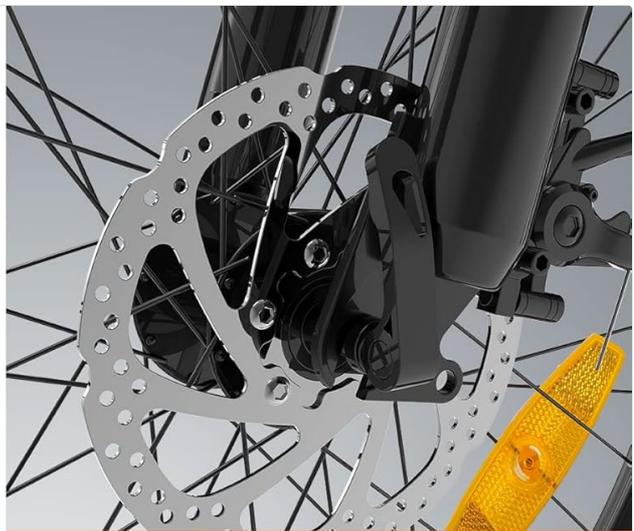
7. SPECIFICATIONS

Detailed technical specifications for the ENGWE S6 Electric Scooter.

Feature	Specification
Model Name	S6
Motor Power	500W (700W Peak) Brushless Motor
Battery	48V 15.6AH Lithium Battery
Max Speed	Up to 28 MPH (45 KM/H)
Max Range	Up to 37 Miles (60 KM)
Tires	10-inch Vacuum Tires
Frame Material	Aluminum Alloy
Suspension	Front, Rear, and Seat Shock Absorption
Brake System	Mechanical Disc Brakes (Front & Rear)
Max Load Capacity	120 kg (264 lbs)
Item Weight	55 lbs (25 kg)
Folded Dimensions	43.5 x 9.4 x 21 inches (110.5 x 24 x 53.3 cm)
Special Features	Lights, Removable Seat, LCD Display



LCD DISPLAY



MECHANICAL DISC BRAKE



SPRING MECHANICAL SHOCK



RAPID ACCELERATION

Image: A composite image showcasing key features of the ENGWE S6 Electric Scooter: the LCD display, mechanical disc brake, spring mechanical shock absorber, and a grip for rapid acceleration.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The ENGWE S6 Electric Scooter comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. 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 ENGWE customer support. Our professional team is available to provide assistance.

For the most up-to-date contact information, please visit the official ENGWE website or refer to the contact details provided with your purchase documentation.

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