

ENGWE E26

ENGWE E26 Electric Bicycle User Manual

Model: E26

1. IMPORTANT SAFETY INFORMATION

Before operating your ENGWE E26 electric bicycle, please read this manual thoroughly. Failure to follow safety instructions can result in serious injury or damage to the bicycle. Always wear a helmet and appropriate safety gear. Ensure all components are securely fastened and in good working order before each ride.

- Always wear a certified helmet and other protective gear.
- Perform a pre-ride inspection: check tire pressure, brake function, battery charge, and ensure all bolts are tight.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions or on slippery surfaces.

2. PRODUCT OVERVIEW

The ENGWE E26 is a robust electric bicycle designed for various terrains, featuring a powerful motor, long-range battery, and comfortable riding experience. This section highlights its key features.

Potente motore a mozzo

con coppia elevata Coppia di 70 Nm, tutto ciò che serve per affrontare tutte le salite

Coppia di 70 Nm

250w



Image: Overview of ENGWE E26 electric bicycle key features, including 140KM range, dual suspension, hydraulic brakes, 25KM/H speed, 7-speed Shimano gears, robust rear rack, 70NM 250W motor, and a colorful LCD display.

Key Features:

- **Motor:** 250W brushless motor with 70 Nm torque.
- **Battery:** 48V 16Ah removable lithium battery.
- **Range:** Up to 60 km (electric mode) / 140 km (pedal assist mode).
- **Tires:** 26"x4.0" fat, puncture-proof tires.
- **Suspension:** Dual suspension system (front fork and saddle).
- **Gears:** 7-speed Shimano gear shift.
- **Brakes:** Front and rear hydraulic disc brakes.
- **Display:** Intelligent LCD display for real-time information.
- **Lighting:** Integrated LED front and rear lights.
- **Frame:** Robust all-aluminum frame.

3. SETUP AND ASSEMBLY

Your ENGWE E26 electric bicycle arrives approximately 85% pre-assembled. The remaining assembly typically takes about an hour and involves attaching the pedals, seat, and adjusting the handlebars. Refer to the included user manual for detailed, step-by-step instructions.

Assembly Steps:

1. **Unpacking:** Carefully remove the bicycle and all components from the packaging. Retain packaging for future transport or returns.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely. Adjust the angle for comfortable riding.
3. **Seat Post and Saddle:** Insert the seat post into the frame and attach the saddle. Adjust the seat height for proper leg extension (a slight bend in the knee when the pedal is at its lowest point). Secure the quick-release lever or bolt.
4. **Pedal Attachment:** Identify the left (L) and right (R) pedals. The left pedal screws counter-clockwise, and the right pedal screws clockwise. Apply a small amount of grease to the threads and tighten them firmly with a wrench.
5. **Battery Installation:** Ensure the battery is fully charged before first use. Insert the battery into its compartment and lock it securely with the key.
6. **Pre-Ride Checks:** Before your first ride, perform all safety checks as outlined in Section 1. Ensure tires are inflated to 1.5 bar (approximately 22 PSI) for optimal performance and comfort on fat tires.



Display LCD e 3 modalità di velocità

Il display LCD mostra il livello della batteria, la velocità e la modalità di guida.

Image: Close-up of the wide and soft saddle of the ENGWE E26 electric bicycle, designed for comfort during rides.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your ENGWE E26 electric bicycle for a safe and enjoyable riding experience.

4.1 Powering On/Off and Display

The intelligent LCD display provides real-time information and control over your e-bike's functions.

- **Power On:** Press and hold the power button on the LCD display.
- **Power Off:** Press and hold the power button again.
- **Display Information:** The LCD shows battery status, current speed, total distance, power output, and riding time. It also detects and reports errors.
- **Lighting Control:** Use the dedicated button on the handlebars to turn the LED front and rear lights on or off.

Trasforma la guida in un gioco

La sospensione anteriore e quella sulla sella con i pneumatici fat da 26 pollici - 4,0 inch trasformano le strade più sconnesse in una divertente passeggiata



Image: Close-up view of the ENGWE E26 handlebars, showing the high-brightness LCD display, lighting control buttons, 7-speed gear shifter, and thumb throttle.

Colora la tua vita rendendola più bella



Image: Detailed view of the ENGWE E26's LED headlight, designed to illuminate the path and enhance visibility.

4.2 Riding Modes and Gear Shifting

The E26 offers multiple riding modes and a 7-speed gear system to adapt to various riding conditions.

- **Electric Mode:** Provides motor power without pedaling. Use the thumb throttle for acceleration.
- **Pedal Assist Mode (PAS):** The motor assists your pedaling effort. There are 5 levels of pedal assist, adjustable via the display controls. Higher levels provide more assistance.
- **Manual Mode:** Ride the bicycle like a traditional bike without motor assistance.
- **7-Speed Shimano Gears:** Use the Shimano shifter on the right handlebar to change gears, allowing you to maintain an efficient pedaling cadence on different inclines and speeds.

Colora la tua vita rendendola più bella



Image: Close-up of the ENGWE E26's Shimano 7-speed rear derailleur, illustrating the reliable and precise gear shifting mechanism.

4.3 Braking System

The ENGWE E26 is equipped with front and rear hydraulic disc brakes for reliable stopping power.

- Apply both brake levers simultaneously for balanced and effective braking.
- Avoid sudden, hard braking, especially at high speeds or on loose surfaces, to prevent skidding.
- Regularly check brake pads for wear and brake fluid levels.

4.4 Battery Usage and Range

The 48V 16Ah removable battery provides significant range. Actual range may vary based on terrain, rider weight, assist level, and weather conditions.

Una guida più fluida su tutti i terreni

Aggiungono ulteriore sicurezza, controllo e confidenza per i motociclisti di tutti i livelli di esperienza in condizioni di trazione variabile.



Image: Visual representation of the ENGWE E26's 140KM battery autonomy per charge, comparing its 48V 16Ah battery to other models.

4.5 Suspension System

The dual suspension system, including front fork and saddle suspension, combined with 26x4.0 inch fat tires, provides a comfortable ride over uneven surfaces.

Ogni tragitto quotidiano diventa fantastico

Goditi l'aria fresca e fai esercizio in tutta la città



Image: Diagram illustrating the dual suspension system of the ENGWE E26 electric bicycle, highlighting the front fork and saddle suspension for a smoother ride.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ENGWE E26 electric bicycle.

5.1 General Checks

- **Tires:** Check tire pressure before each ride. Maintain 1.5 bar (22 PSI) for the fat tires. Inspect for wear, cuts, or punctures.

- **Brakes:** Test brake levers for proper function and responsiveness. Inspect brake pads for wear and replace if necessary.
- **Chain:** Keep the chain clean and lubricated. Check for proper tension and wear.
- **Bolts and Fasteners:** Periodically check all bolts, nuts, and quick-release levers for tightness.
- **Frame:** Inspect the aluminum frame for any signs of damage or cracks.

5.2 Battery Care

- Charge the battery fully after each ride, or at least once a month if not in use, to prolong its lifespan.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the charger provided with your ENGWE E26.
- Avoid completely draining the battery before recharging.

5.3 Cleaning

Clean your e-bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, bearings, or the motor.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your ENGWE E26 electric bicycle.

Problem	Possible Cause	Solution
Bicycle does not power on	Low battery charge, battery not properly seated, loose electrical connection.	Charge the battery. Ensure the battery is fully inserted and locked. Check all visible electrical connections.
Motor not assisting	Pedal assist level set to zero, battery low, motor connection issue, sensor malfunction.	Increase pedal assist level on the display. Check battery charge. Inspect motor cable connections.
Brakes are noisy or ineffective	Worn brake pads, contaminated rotors, air in hydraulic lines, loose caliper.	Inspect and replace brake pads. Clean rotors. If hydraulic, bleeding may be required by a professional. Tighten caliper bolts.
Handlebar wobble (shimmy)	Loose headset, unbalanced wheel, damaged fork.	Check headset tightness. Inspect wheels for damage or imbalance. Consult a bicycle mechanic if the issue persists.
Display shows an error code	Specific component malfunction.	Refer to the detailed user manual for specific error code meanings and troubleshooting steps. Contact customer support if needed.

For issues not listed here or if solutions do not resolve the problem, please contact ENGWE customer support.

7. SPECIFICATIONS

Detailed technical specifications for the ENGWE E26 electric bicycle.

Feature	Specification
Model	ENGWE E26
Motor Power	250W Brushless
Motor Torque	70 Nm
Battery	48V 16Ah Removable Lithium-ion
Max Speed	25 km/h (governed)
Range (Electric Mode)	Up to 60 km
Range (Pedal Assist Mode)	Up to 140 km
Wheel Size	26 inches
Tire Type	4.0 inch Fat Tires
Gears	7-Speed Shimano
Brakes	Hydraulic Disc Brakes (Front & Rear)
Suspension	Dual Suspension
Frame Material	Aluminum Alloy
Recommended Age	Adults
Included Components	Charger, User Manual
Product Weight	Not specified (source data indicates 150 kg, which is likely an error for a bicycle)

8. WARRANTY AND SUPPORT

ENGWE is committed to providing reliable products and customer service.

8.1 Warranty Information

Your ENGWE E26 electric bicycle comes with a **one-year warranty** covering the motor, battery, and controller from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

Our dedicated customer support team is available 24/7 to assist you with any questions, concerns, or technical issues you may have. For assistance, please refer to the contact information provided in your product packaging or visit the official ENGWE website.

Contact: For support, please visit www.engwe-bikes.com or refer to the contact details in your included manual.

9. OFFICIAL PRODUCT VIDEO

Watch the official product video for a visual guide on the ENGWE E26 electric bicycle's features and operation.

Your browser does not support the video tag.

Video: Official product overview of the ENGWE E26 electric bicycle, demonstrating its features and capabilities.

© 2024 ENGWE. All rights reserved.