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> ENGWE E26 & E26 ST Electric Bicycle User Manual

ENGWE E26 & E26 ST

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Your comprehensive guide to assembly, operation, and maintenance.

INTRODUCTION

Welcome to the ENGWE E26 & E26 ST Electric Bicycle user manual. This guide provides essential information for the safe and efficient use of your new electric bicycle. The ENGWE E26 series features a powerful 48V 16Ah removable battery, a 250W brushless motor, 26*4 inch fat tires, dual suspension, and a 7-speed Shimano gear system, designed for both city and mountain terrains. Please read this manual thoroughly before your first ride.



Image: ENGWE E26 Electric Bicycle in use, showcasing its design and suitability for various environments.

SETUP AND INITIAL ASSEMBLY

Your ENGWE E26 electric bicycle is delivered approximately 85% pre-assembled. The following steps outline the final assembly required before your first ride.

1. Unpacking

- Carefully remove the bicycle and all components from the packaging.
- Check for any visible damage during transit.
- Verify all included components are present: bicycle frame, front wheel, handlebars, seat post with saddle, pedals, charger, and user manual.

2. Handlebar Installation

- Attach the handlebars to the stem, ensuring all cables are routed correctly and not pinched.
- Tighten the stem bolts securely.

3. Front Wheel Installation

- Insert the front wheel into the fork dropouts.
- Ensure the brake rotor is correctly aligned with the caliper.
- Secure the wheel using the quick-release skewer or axle nuts.

4. Pedal Attachment

- Identify the left (L) and right (R) pedals.
- Thread the right pedal (R) clockwise into the right crank arm.
- Thread the left pedal (L) counter-clockwise into the left crank arm.
- Tighten both pedals firmly with a wrench.

5. Seat Post and Saddle Adjustment

- Insert the seat post into the frame's seat tube.
- Adjust the saddle height to a comfortable riding position, ensuring your feet can touch the ground when stopped.
- Secure the seat post with the quick-release lever or bolt.

6. Battery Installation and Initial Charge

- Ensure the battery is securely installed in its compartment.
- Before first use, fully charge the battery. Connect the charger to the battery port and then to a power outlet.
- The charging time is approximately 4-5 hours.

Ogni tragitto quotidiano diventa fantastico

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



Image: A detailed view of the ENGWE E26 electric bicycle, highlighting key components for assembly.

OPERATING INSTRUCTIONS

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

1. Powering On/Off

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

2. LCD Display Functions

The intelligent LCD display provides real-time information:

- **Battery Status:** Shows the current charge level.
- **Current Speed:** Displays your riding speed.
- **Total Distance:** Tracks the total kilometers ridden.
- **Power Output:** Indicates the motor's power usage.
- **Riding Time:** Shows the duration of your current ride.
- **Error Detection:** Instantly detects and reports any system errors.
- **Lighting Control:** Seamlessly controls the bicycle's front and rear lights.



Image: Close-up of the ENGWE E26's LCD display and handlebar controls, including light control, 7-speed shifter, and thumb throttle.

3. Riding Modes

Your ENGWE E26 offers multiple riding modes:

- **Electric Mode:** Use the thumb throttle for propulsion without pedaling.
- **Pedal Assist Mode (PAS):** Choose from 5 different levels of motor assistance while pedaling. Adjust levels using the controls on the handlebar.
- **Manual Mode:** Ride the bicycle like a traditional bike without motor assistance.

4. Gear Shifting

- The Shimano 7-speed gear system allows you to adjust your pedaling effort.
- Shift gears using the trigger shifter on the right handlebar. Shift down for easier pedaling on inclines and up for faster speeds on flat terrain.

5. Braking

- The bicycle is equipped with front and rear hydraulic disc brakes for reliable stopping power.
- Apply both brake levers simultaneously for balanced and effective braking.

6. Lights

- Turn on the integrated LED front and rear lights for improved visibility, especially in low-light conditions. Control them via the LCD display.

MAINTENANCE

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

1. Battery Care

- Charge the battery regularly, even if not in frequent use, to maintain its health.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the original charger provided by ENGWE.

2. Tire Maintenance

- Check tire pressure before each ride. Maintain pressure within the recommended range printed on the tire sidewall.
- Inspect tires for wear, cuts, or embedded objects. The 26*4 inch fat tires are designed to be puncture-resistant, but regular checks are still important.

3. Brake System

- Regularly check the hydraulic disc brakes for proper function and responsiveness.
- Ensure brake pads are not excessively worn. Replace them as needed.
- If you notice any decrease in braking performance or unusual noises, have the system inspected by a qualified technician.

4. Drivetrain (Chain and Gears)

- Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- Inspect the 7-speed Shimano gears for proper alignment and function.

5. General Inspection

- Periodically check all bolts and fasteners for tightness.
- Inspect the frame for any cracks or damage.
- Ensure the dual suspension system is functioning correctly.

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Image: A person riding the ENGWE E26 electric bicycle on a dirt path, demonstrating its robust build and suitability for various terrains, which requires proper maintenance.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your ENGWE E26 electric bicycle.

Problem	Possible Cause	Solution
Bicycle does not power on.	Battery is not charged or not properly connected.	Ensure the battery is fully charged and securely seated. Check battery connections.
Motor not providing assistance.	Low battery, pedal assist level set to zero, or a sensor issue.	Check battery level. Increase pedal assist level on the display. Ensure pedals are rotating. If issue persists, check LCD for error codes.
Brakes feel weak or noisy.	Worn brake pads, air in hydraulic lines, or contaminated rotors.	Inspect brake pads for wear and replace if necessary. Clean rotors. If hydraulic issues are suspected, consult a professional.
Gears are not shifting smoothly.	Dirty or unlubricated chain, misaligned derailleur, or stretched cable.	Clean and lubricate the chain. Check derailleur alignment. If cables are stretched or derailleur is bent, professional adjustment may be needed.
LCD display shows an error code.	Indicates a specific system malfunction.	Refer to the full user manual (if available) for specific error code meanings. Often, turning the bike off and on can reset minor errors. If persistent, contact customer support.

Pedala oltre l'orizzonte

La batteria al litio portatile ENGWE E26 da 16 Ah ti offre 140 km di autonomia per carica



Altri



E26



Bici elettrica E26

48V 16Ah



Altri

48V 11.4Ah

140KM

90KM

Image: A rider navigating challenging terrain on an ENGWE E26 electric bicycle, emphasizing the importance of proper function and troubleshooting.

SPECIFICATIONS

Key technical specifications for the ENGWE E26 & E26 ST Electric Bicycle.

Feature	Detail
Model	ENGWE E26 & E26 ST
Motor	250W Brushless Motor (70 Nm Torque)
Battery	48V 16Ah Removable Lithium Battery
Range (Electric Mode)	Up to 60 km
Range (Pedal Assist Mode)	Up to 140 km
Max Speed	25 KM/H (unlockable for higher speeds)
Wheel Size	26 inches
Tires	26*4 inch Fat Tires (Puncture-resistant)
Gears	Shimano 7-Speed
Brakes	Front and Rear Hydraulic Disc Brakes
Suspension	Dual Suspension (Front and Seat Post)
Frame Material	All-aluminum frame
Display	Intelligent LCD Display
Max Recommended Weight	330 lbs (approx. 150 kg)
Minimum User Height	157 cm
Included Components	Headlight, Rear Rack



Image: Infographic summarizing key specifications of the ENGWE E26, including range, motor torque, dual suspension, hydraulic brakes, and LCD display.

WARRANTY INFORMATION

Your ENGWE E26 & E26 ST Electric Bicycle comes with a limited warranty to ensure your peace of mind.

- **Warranty Period:** 1 year from the date of purchase.

- **Coverage:** The warranty covers manufacturing defects in the motor, battery, and controller.
- **Exclusions:** This warranty does not cover normal wear and tear, damage caused by misuse, accidents, improper maintenance, or unauthorized modifications.
- **Claim Process:** For warranty claims, please contact ENGWE customer support with your proof of purchase and a detailed description of the issue.

CUSTOMER SUPPORT

Should you have any questions, concerns, or require assistance with your ENGWE E26 electric bicycle, our dedicated customer support team is available to help.

- **Availability:** Our support team is available 24 hours a day, 7 days a week.
- **Contact Method:** Please refer to the contact information provided with your purchase documentation or visit the official ENGWE website for support channels.
- **Before Contacting:** Please have your product model (E26 or E26 ST) and purchase details ready to expedite the support process.