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ENGWE

ENGWE X24/X26 Electric Bike User Manual

Your guide to assembly, operation, and maintenance for a superior riding experience.

1. INTRODUCTION & OVERVIEW

Welcome to the world of ENGWE electric bikes. The X24/X26 series is designed for adults seeking a powerful and versatile e-bike experience. Featuring a robust 1200W peak motor, dual removable batteries, and a triple suspension system, this folding e-bike is built to conquer diverse terrains and provide an exhilarating ride. This manual provides essential information to ensure safe and effective use of your new electric bike.



The ENGWE X24/X26 Electric Bike, ready for adventure.

2. SETUP & ASSEMBLY

Your ENGWE X24/X26 electric bike arrives approximately 85% pre-assembled. The included tool kit

contains all necessary instruments for completing the setup. Follow these steps carefully to ensure proper assembly:

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain the original packaging for future storage or transport.
2. **Handlebar Installation:** Secure the handlebars to the stem using the provided tools. Ensure they are centered and tightened to the recommended torque specifications (refer to the included user manual for precise values).
3. **Front Wheel Attachment:** Install the front wheel onto the fork. Align the disc brake rotor correctly within the caliper. Tighten the axle nuts securely.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread them into their respective crank arms. Note that the left pedal threads counter-clockwise. Tighten firmly with the 15mm wrench from the tool kit.
5. **Seat Post & Saddle Adjustment:** Insert the seat post into the frame. Adjust the saddle height to your comfort, ensuring your feet can touch the ground when stopped. Secure the quick-release clamp tightly.
6. **Tire Inflation:** Inflate both fat tires to the recommended PSI range indicated on the tire sidewall.



The innovative folding frame allows for convenient storage and transport.

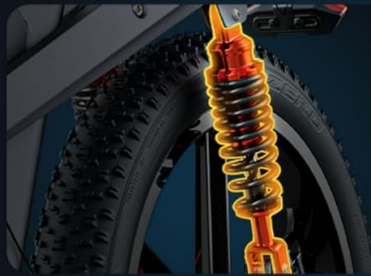
Triple Suspension

Triple shock system extending from its front hydraulic shock, and middle mechanical shock to the rear air shock, 3 times more powerful shock absorbance than normal e-bikes.

Front
Hydraulic Shock



Rear Air Shock



Middle
Mechanical Shock

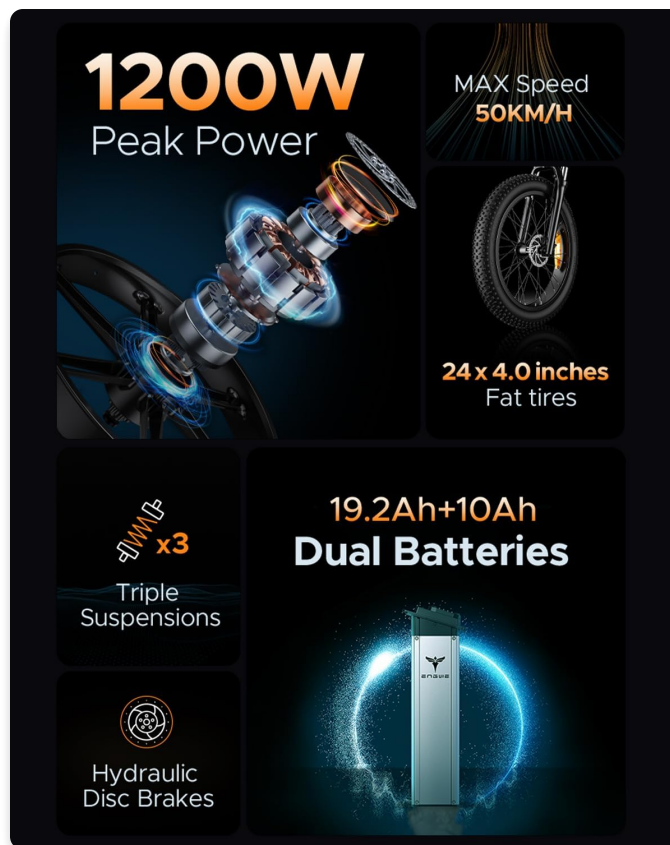


The triple-stage suspension system enhances ride comfort and stability.

3. OPERATING YOUR E-BIKE

The ENGWE X24/X26 offers dynamic riding modes and intelligent features for an optimized experience:

- **Riding Modes:** Seamlessly switch between three distinct riding modes: *ECO* for extended range, *NORMAL* for balanced performance, and *SPORT* for maximum power and speed.
- **Shimano 8-Speed System:** Utilize the Shimano 8-speed gear system for efficient pedaling and adapting to various inclines and terrains.
- **Intelligent Speed Control:** The bike features an intelligent speed control system for maintaining a constant speed, reducing rider fatigue on longer journeys.
- **LCD Interface:** The intuitive LCD interface provides real-time data including current speed, battery status for both dual batteries, and active riding mode.
- **Lighting System:** Equipped with automatic headlights and taillights for enhanced visibility and safety, especially during low-light conditions. Light-sensitive headlights adjust automatically to ambient light.
- **Charging Ports:** Convenient cell phone charging ports are integrated for on-the-go device power.



Key features for an advanced riding experience.



Experience powerful propulsion with the 1200W peak hub-motor.

4. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your ENGWE electric bike:

- **Cleaning:** Regularly clean your bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. Proper inflation ensures optimal performance, range, and safety.
- **Brake Inspection:** Periodically inspect the hydraulic disc brakes for wear and tear. Ensure brake levers provide firm and responsive stopping power.
- **Battery Care:** Charge batteries regularly, even when not in use, to maintain their health. Avoid fully discharging the batteries. Store in a cool, dry place.
- **Suspension Check:** Inspect the triple suspension system for any signs of damage or leaks. Ensure smooth operation for effective shock absorption.
- **Fasteners:** Periodically check all bolts and fasteners for tightness, especially after initial rides.

5. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Bike Not Powering On:** Check if the main battery switch is on. Ensure both batteries are properly seated and charged.
- **Motor Not Assisting:** Verify the pedal assist level on the LCD display. Check all cable connections for looseness or damage.
- **Reduced Range:** Ensure tires are properly inflated. Riding in SPORT mode or on challenging terrain will reduce range. Check battery health.
- **Brakes Squealing/Ineffective:** Inspect brake pads for wear. Clean rotors if dirty. If issues persist, professional inspection is recommended.
- **Unusual Noises:** Check for loose components or debris caught in the drivetrain or wheels.

6. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Age Range	Adult
Brand	ENGWE
Number of Speeds	8
Color	Black
Frame Material	Aluminum
Suspension Type	Triple

Feature	Detail
Special Feature	Foldable, Rechargeable
Included Components	Tool Kit
Size (Unfolded)	186*72*108CM
Brake Style	Disc
Specific Uses For Product	Off-road
Item Weight	94.4 Pounds
Style	X24 Dual Battery
Model Name	X24 Dual Battery
Power Source	Rechargeable Battery
Wattage	921.6 watts
Wheel Material	Aluminum
Lithium Battery Energy Content	19200 Milliamp Hours (mAh)
Maximum Weight Recommendation	330 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Trigger

7. WARRANTY & SUPPORT

ENGWE stands behind the quality of its products. The ENGWE X24/X26 Electric Bike comes with **1-year limited warranty** covering motors, batteries, and controllers.

For any questions, concerns, or assistance with your electric bike, our dedicated customer support team is available **24/7**. Please refer to the contact information provided in your product packaging or visit the official ENGWE website for support details.