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› MACFOX X1S Electric Bike User Manual

MACFOX EL-X1S

MACFOX X1S Electric Bike User Manual

Model: EL-X1S

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your MACFOX X1S Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Adherence to these instructions will ensure optimal performance and longevity of your electric bike.



Image: Side view of the MACFOX X1S Electric Bike, showcasing its design and fat tires.

2. SAFETY GUIDELINES

- Always wear a helmet that meets safety standards (e.g., CPSC, EN 1078) when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric bikes.
- Perform a pre-ride safety check before each use, including brakes, tires, and battery.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions such as heavy rain, snow, or ice.
- Ensure all components are securely fastened before riding.

3. SETUP AND ASSEMBLY

Your MACFOX X1S Electric Bike requires some assembly upon arrival. Follow these steps carefully:

1. **Unpacking:** Carefully remove all components from the packaging. Retain the original box for potential warranty

returns.

2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely.
3. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread the left pedal counter-clockwise and the right pedal clockwise into the crank arms. Tighten firmly.
4. **Seat Adjustment:** Adjust the seat height to a comfortable and safe riding position, ensuring your feet can touch the ground when stopped. Secure the quick-release lever or bolt.
5. **Tire Inflation:** Inflate the 20"x4" fat tires to the recommended pressure indicated on the tire sidewall.
6. **Battery Charging:** Fully charge the removable 48V/10.5Ah battery before the first use. Connect the charger to the battery and a power outlet. The indicator light on the charger will show charging status.
7. **Brake Check:** Test both front and rear brakes to ensure they engage properly and bring the bike to a complete stop. Adjust if necessary.

4. OPERATING YOUR ELECTRIC BIKE

The MACFOX X1S offers multiple riding modes for various terrains and preferences.

- **Power On/Off:** Press and hold the power button on the display to turn the bike on or off.
- **Pedal-Assist Modes:** The bike features 3 pedal-assist levels. Use the control panel to select your desired level. Higher levels provide more motor assistance.
- **Throttle Operation:** The throttle provides instant power without pedaling. Twist the throttle grip to engage the motor. Exercise caution when using the throttle, especially at higher speeds.
- **Braking System:** Your bike is equipped with triple braking protection, including front and rear dual disc brakes and an e-brake. Apply both brakes simultaneously for effective stopping.
- **Display Functions:** The LCD display shows speed, battery level, pedal-assist level, and trip distance. Refer to the separate display manual for detailed functions.

Your browser does not support the video tag.

Video: This video demonstrates the MACFOX X1S Electric Bike in various riding scenarios, highlighting its performance and versatility for adult riders.

5. MAINTENANCE

Regular maintenance is crucial for the safety and performance of your electric bike.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store the battery in a cool, dry place. Avoid fully discharging the battery frequently.
- **Tire Pressure:** Check tire pressure before each ride. Proper inflation improves efficiency and reduces the risk of punctures.
- **Brake System:** Inspect brake pads and rotors for wear. Ensure brake levers are responsive and provide adequate stopping power. Adjust or replace components as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth pedaling and prevent rust.
- **Frame Inspection:** Periodically inspect the high-strength steel frame for any signs of damage or cracks.
- **General Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

6. TROUBLESHOOTING

Refer to the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed.	Ensure battery is fully charged and securely seated. Check connections.
Motor not assisting	Pedal-assist level too low, throttle not engaged, or motor connection issue.	Increase pedal-assist level. Ensure throttle is twisted. Check motor cable connections.
Brakes feel weak	Worn brake pads, loose cable, or hydraulic fluid issue.	Inspect brake pads and cables. Adjust cable tension. For hydraulic issues, consult a professional.
Short battery range	Low tire pressure, frequent throttle use, riding uphill, or aging battery.	Maintain proper tire pressure. Use pedal-assist more. Consider a second battery for extended range.

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

7. SPECIFICATIONS

Key technical details for the MACFOX X1S Electric Bike:

Model: EL-X1S

Bike Type: Electric Bike

Age Range: Adult

Motor: 500W Brushless (750W Peak Output)

Torque: 65 NM

Max Speed: 25 MPH+ (Class 3 legal, up to 28 MPH)

Battery: 48V 10.5Ah Removable Lithium-ion

Estimated Range: 38 miles (in pedal-assist mode)

Gears: 3-speed system

Wheel Size: 20 Inches

Tires: 20" x 4.0" Fat Tires

Frame Material: High Carbon Steel

Suspension: Front Fork Suspension

Brake Style: Triple Braking Protection (Front and Rear Dual Disc Brakes + E-brake)

Special Features: Lightweight Frame, UL-Certified Circuit System (UL2849), Upgradeable Hydraulic Brakes

Manufacturer: E-Link Technology Co., Ltd

A Total Length
64.5"

D Seat Height
33"

B Handlebar Height
38.3"

E Wheel Diameter
20"

C Wheelbase
42.1"

F Seat Length
24"

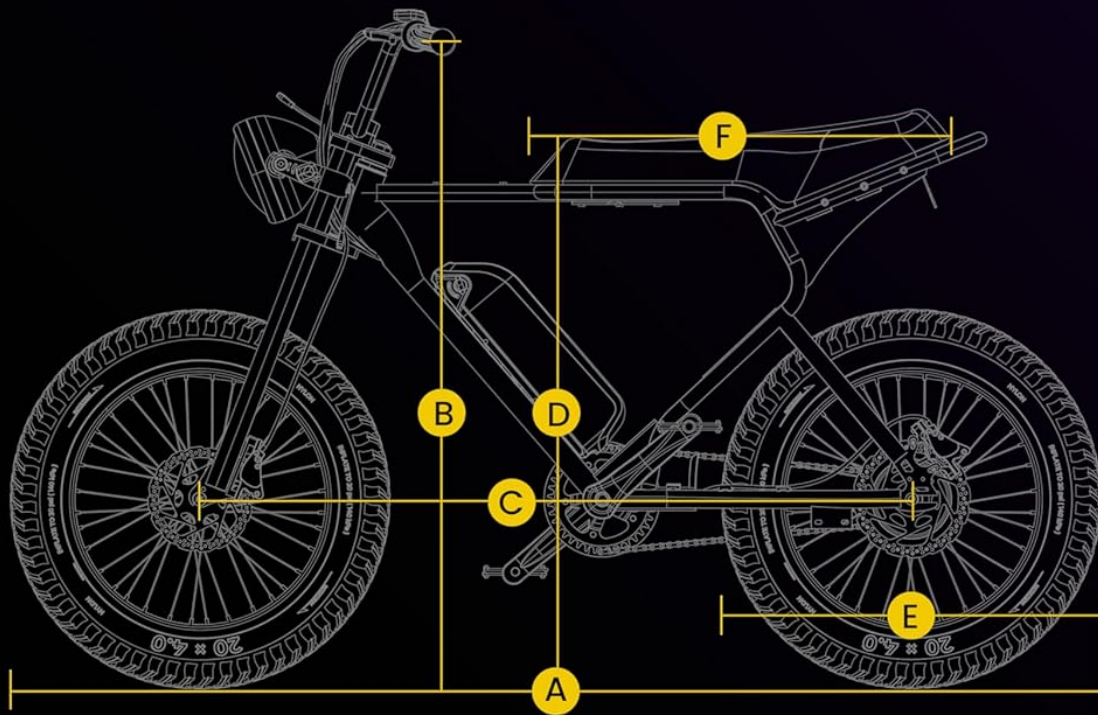
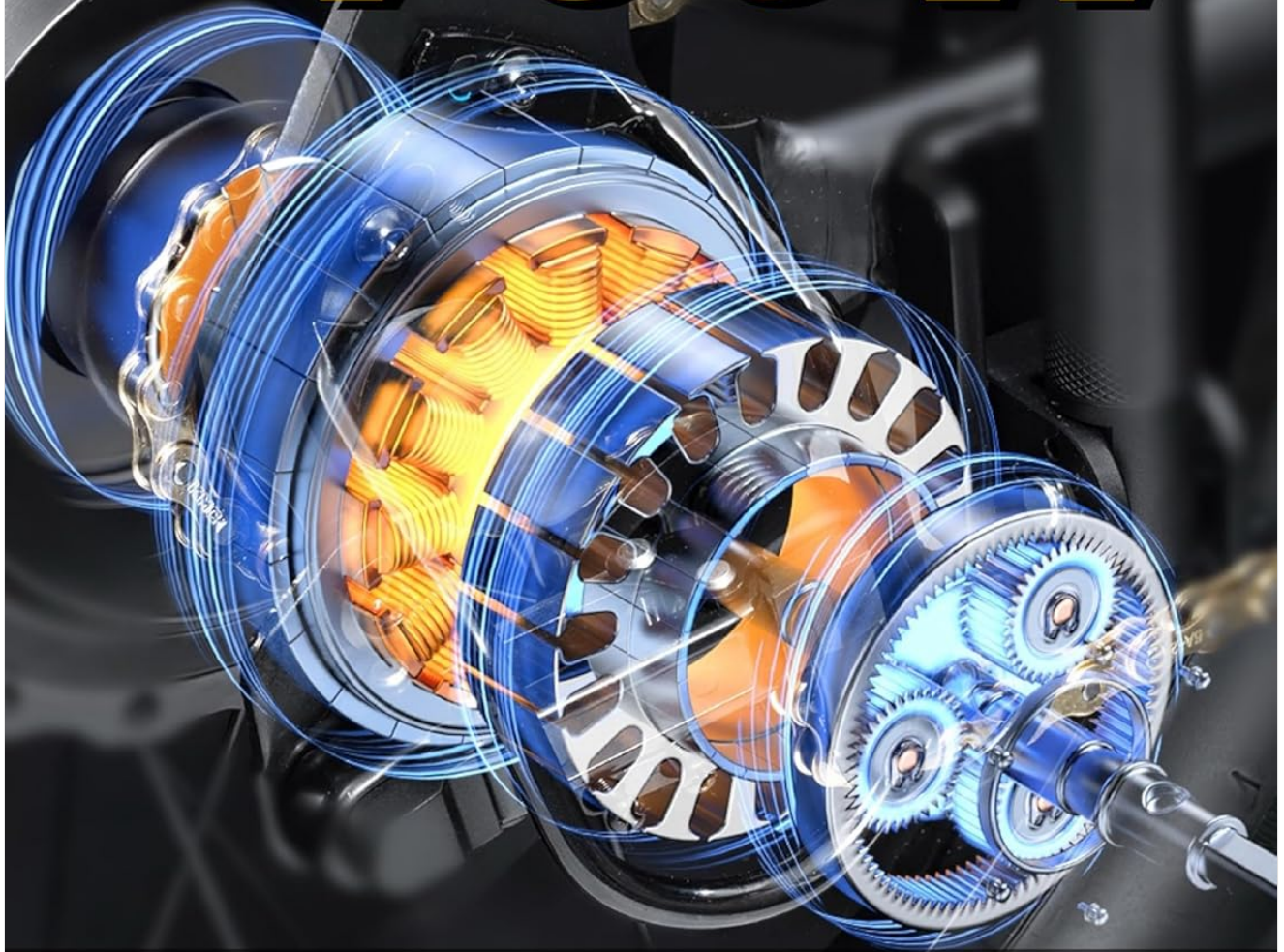


Image: Diagram illustrating the key dimensions of the MACFOX X1S Electric Bike, including total length, handlebar height, wheelbase, seat height, wheel diameter, and seat length.

Peak Power
750W



25 MPH
TOP SPEED



65 N.M
CLIMBING SLOPE



30°
SLOPE

Image: Visual representation of the MACFOX X1S Electric Bike's motor, highlighting its 750W peak power, 25 MPH top speed, 65 N.M climbing slope, and 30° incline capability.

8. WARRANTY INFORMATION

MACFOX offers a one-year warranty on key parts against non-human damage. This warranty covers manufacturing defects and component failures under normal use.

- **Coverage:** One year on key parts against non-human damage.
- **Claim Process:** If a problem occurs, provide video and pictures to MACFOX customer support. Technicians will review and analyze the cause.
- **Returns/Exchanges:** The return or exchange window is within one month from the date the order is generated.
- **Return Shipping:** If the return is not due to product quality, the customer is responsible for return logistics costs.
- **Packaging:** Returns or exchanges require the original box. Please retain the original packaging.

9. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact MACFOX customer support. When contacting support, please have your model number (EL-X1S) and purchase details ready. Providing clear descriptions, videos, or pictures of any issues will help expedite the support process.

Your browser does not support the video tag.

Video: This video showcases the MACFOX X1S Electric Bike in various urban and outdoor settings, emphasizing its suitability for daily life and adventures.