Funhang EB-C1

Funhang EB-C1 26" City Cruiser Electric Bike User Manual

Brand: Funhang | Model: EB-C1

1. Introduction

Welcome to the Funhang EB-C1 Electric Bike user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Image: The Funhang EB-C1 Electric Bike, showcasing its design and features in an urban environment.

2. Setup and Assembly

Your Funhang EB-C1 electric bike is 85% pre-assembled. Follow the steps below and refer to the assembly videos for detailed instructions.

2.1 Unboxing and Parts Identification

Carefully open the package and remove all components. Keep the original packaging for potential returns. Identify all parts as shown in the video and image below.

Your browser does not support the video tag.

Video: QNUT Commuter e-bike Installation Video (0:00-0:08). This video demonstrates the initial unboxing process and removal of packaging materials.



Image: All components of the Funhang EB-C1 Electric Bike laid out, including the main frame, wheels, saddle, pedals, charger, and tool kit.

2.2 Assembly Steps

For a visual guide, please watch the 'Funhang EB-C1 Ebike Assembly Video' below.

Your browser does not support the video tag.

Video: Funhang EB-C1 Ebike Assembly Video. This video provides a step-by-step guide for assembling your electric bike.

1. **Handlebar Installation:** Loosen the handlebar stem screws, position the handlebar, adjust its horizontal angle, and then tighten the screws securely. Ensure the handlebars are firm and aligned.
2. **Front Fender and Headlight Installation:** Turn the bike upside down. Install the mounting screws for the mudguard, passing them through both the fender and front light mounting holes. Adjust the headlight position and secure it. Tighten all screws once the mudguard is in place.
3. **Front Wheel Installation:** Remove the screws from the front wheel axle. Secure the front wheel in the front fork clamping slot, ensuring it is not obstructed. Reinstall the removed screws and fasten them tightly with a wrench.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal installs counter-clockwise, and the right pedal installs clockwise. Tighten the pedal screws firmly.
5. **Saddle Installation:** Open the quick release clamp under the seat post. Insert the saddle to a suitable height, ensuring it does not exceed the safety line. Lock the quick release clamp and make sure the seat is fastened in place.
6. **Rear Fender and Rear Rack Installation:** Loosen the lower bolts on both sides of the rear fork and secure the rear fender support. Tighten these two bolts. Attach the rear rack to the designated mounting points and tighten all four bolts.

2.3 Pre-Ride Checks

Before your first ride, perform these essential checks:

- Ensure all bolts and quick releases are securely tightened.
- Check tire pressure.
- Test the brakes to ensure they are working properly.
- Verify the battery is charged and properly installed.

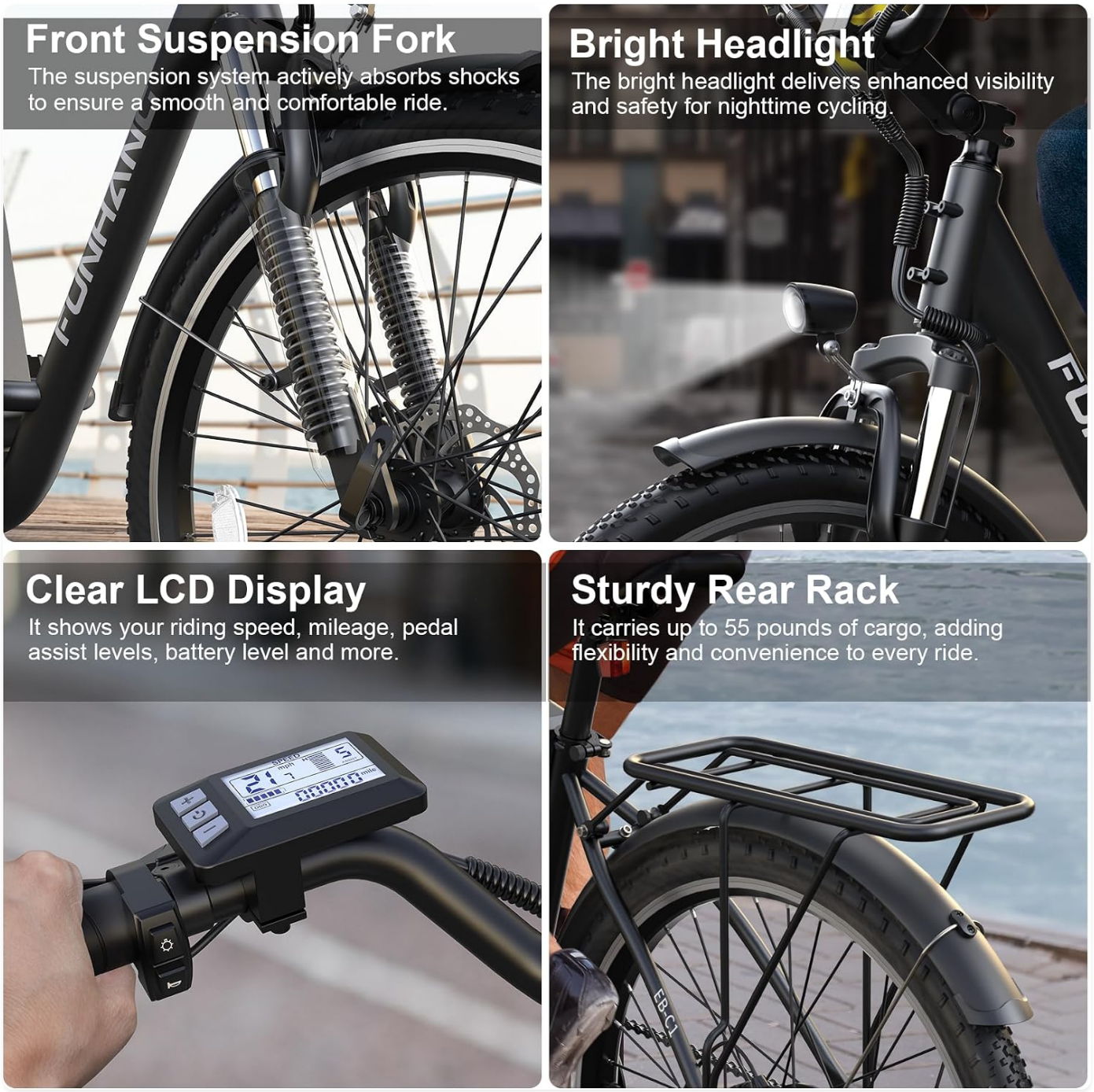


Image: The clear LCD display on the handlebar, showing speed, battery level, and pedal assist settings.

3. Operating Instructions

Familiarize yourself with the display and riding modes for an optimal experience.

Your browser does not support the video tag.

Video: Funhang EB-C1 Display and Battery Guide. This video details the display operations and battery management.

3.1 Powering On/Off and Display Functions

- **Power On:** Press the power button on the battery (indicated by 'I' icon). Then, long press the middle button on the handlebar display for at least 3 seconds to turn on the display.
- **Toggling Data:** Short press the middle button to toggle between odometer (ODO), trip distance (TRIP), and voltage (VOL).
- **Adjusting Pedal Assist Level:** Press the '+' button to increase the pedal assist level (1-5) and '-' to decrease it. Level 0 means no electric assistance.
- **Setting Mode:** Press and hold '+' and '-' buttons simultaneously for 3 seconds to enter the setting mode.
- **Backlight Brightness (P01):** In setting mode, P01 controls backlight brightness (1=darkest, 2=medium, 3=brightest). Use '+' and '-' to

adjust.

- **Mileage Unit (P02):** P02 allows switching between kilometers (KM) and miles (MILE). Use '+' and '-' to select.
- **Dormancy Time (P04):** P04 sets the automatic power-off time (1-60 minutes). '0' means the ebike will not turn off automatically.
- **ODO Reset (P16):** To reset the odometer, navigate to P16 and long press '+' for 5 seconds.
- **Exit Setting Mode:** Press and hold '+' and '-' buttons simultaneously for 3 seconds to exit the setting mode.

3.2 Riding Modes

The Funhang EB-C1 offers five cycling modes:

- **Pure Electric Mode:** Turn on the LCD display and twist the throttle for power.
- **Pedal Assist Mode:** When you pedal, the motor provides assistance based on the selected assist level (1-5).
- **Normal Bike Mode:** Ride the bicycle without activating the LCD display, relying solely on pedal power.
- **Cruise Mode:** To activate, twist the throttle to achieve a speed greater than 6.2 mph, then long press the '-' button. The display will show 'P'. The current speed will be maintained. To exit, use the brakes or throttle.
- **Booster Mode:** Long press the '-' button until the display shows 'P' to enter Booster Mode. The ebike will move at a speed no more than 4.2 mph, assisting you when pushing the bike. Squeeze the brake to exit.

3.3 Battery Charging

The 48V 374.4Wh removable IPX5 waterproof battery can be charged on or off the ebike.



Image: The removable 48V battery of the Funhang EB-C1 Electric Bike, highlighting its design and accessibility.

- **Charging on the Ebike:** Install the charger and plug in the power adapter. Connect the charger to the ebike's charging port.
- **Charging off the Ebike:** Turn the key to the unlock position to remove the battery. Charge the battery directly using the charger. Turn the battery on and press the button to check the battery life. Slowly align and push the battery down into the base, then use the key to lock it.
- The charger's indicator light will turn green from red when the battery is fully charged. Charging time is typically 4-5 hours.

4. Maintenance

Regular maintenance ensures the longevity and safe operation of your Funhang EB-C1 electric bike.

- **Tires:** Regularly check tire pressure and for any signs of wear or damage. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Inspect brake pads and cables regularly. Ensure brakes respond promptly and effectively. Adjust or replace components as needed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **Battery:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods. Charge regularly, even when not

in use, to maintain battery health.

- **General Cleaning:** Clean your ebike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

5. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Ebike does not power on	Battery not charged or not properly installed; power button not pressed.	Ensure battery is charged and securely locked in place. Press the battery power button and then the display power button.
Motor not assisting	Pedal assist level is 0; loose motor connection; brake levers engaged.	Increase pedal assist level on the display. Check motor cable connections. Ensure brake levers are fully released.
Brakes feel weak	Worn brake pads; loose brake cables; air in hydraulic system (if applicable).	Inspect and replace worn brake pads. Adjust brake cable tension. If hydraulic, consult a professional for bleeding.
Unusual noises during ride	Loose components; dry chain; misaligned gears.	Check all bolts and connections. Lubricate the chain. Adjust gear derailleur if necessary.

If you encounter issues not listed here or cannot resolve a problem, please contact Funhang customer support.

6. Specifications

Key specifications for the Funhang EB-C1 Electric Bike:

- **Bike Type:** Electric Bike, City Cruiser
- **Age Range:** Adult
- **Motor:** 500W (1000W Peak Power) High-Speed Motor, 55NM Torque
- **Max Speed:** Up to 21.7 mph
- **Battery:** 48V 374.4Wh Removable IPX5 Waterproof Lithium Battery
- **Range:** 25-30 miles (pure electric mode), 40-50 miles (pedal-assist mode)
- **Charging Time:** 4-5 hours
- **Wheel Size:** 26 Inches
- **Gears:** 7-Speed
- **Frame Material:** High Carbon Steel
- **Suspension Type:** Front
- **Brake Style:** Disc Brakes
- **Special Features:** Adjustable Stem, Rear Rack, Fenders, Front Headlight, Adjustable Seat, LCD Display, 5 Working Modes
- **Item Weight:** 61.5 Pounds
- **Maximum Weight Recommendation:** 300 Pounds
- **Safety Certification:** UL 2271 (Li-ion battery), UL 2849 (whole ebike) certified by SGS.



Image: A detailed view of the 1000W peak high-speed brushless motor and 7-speed gears on the rear wheel of the ebike.

7. Warranty and Support

Funhang is committed to providing excellent customer service and product quality.

- **Warranty:** We offer a 365-day warranty and lifetime after-sales service for the Funhang EB-C1 electric bike.
- **Customer Support:** For any questions or assistance regarding your Funhang e-bike, please feel free to contact us. Our customer support team is available for a 24-hour online response.
- **Returns:** Enjoy 30-day easy returns.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question