

Bluehut XF4000

KETELES XF4000 Electric Bike User Manual

Model: XF4000

INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your KETELES XF4000 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference.

The KETELES XF4000 is an upgraded electric bike designed for adults, featuring dual 1000W motors, dual 23Ah batteries (total 46Ah), 26-inch fat tires, and hydraulic disc brakes, suitable for various terrains including snow, beach, and mountain trails.

SAFETY GUIDELINES

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric bikes.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery level, and all connections.
- Do not operate the bike under the influence of alcohol or drugs.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.
- Ensure the battery is securely locked in place before riding.

SETUP AND ASSEMBLY

Your KETELES XF4000 Electric Bike may require some assembly upon arrival. Follow these general steps:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for potential future transport or

returns.

2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring all bolts are tightened securely. Adjust the angle for comfortable riding.
3. **Front Wheel Installation:** Install the front wheel, ensuring the quick-release skewer or axle nuts are properly secured. Verify the brake rotor is correctly seated in the caliper.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Ensure they are fully tightened to prevent stripping.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height for comfortable pedaling, ensuring your leg has a slight bend at the bottom of the pedal stroke. Secure the quick-release lever.
6. **Battery Installation:** Insert the battery into its designated compartment and lock it using the provided key. Ensure it clicks into place.
7. **Initial Charge:** Fully charge the battery before your first ride. Refer to the "Charging the Battery" section for details.
8. **Pre-Ride Check:** Before riding, double-check all connections, brake functionality, tire pressure, and gear shifting.



Figure 1: Fully assembled KETELES XF4000 Electric Bike.

OPERATING INSTRUCTIONS

Charging the Battery

The KETELES XF4000 features a 48V 46Ah (2x 23Ah) removable battery. To charge:

1. Ensure the bike is turned off.
2. Locate the charging port on the battery. The battery can be charged while installed on the bike or removed.
3. Connect the charger to the charging port, then plug the charger into a standard wall outlet.
4. The charger indicator light will typically show red during charging and turn green when fully charged. Charging time is approximately 5-8 hours.
5. Disconnect the charger once charging is complete.

EVECELLS BATTERY

Waterproof Material

5-8 Hours Charging Time

Throttle Mode

Pedal-Assist Mode

48V23AH

48V23AH
Removable Li-ion Battery

BMS
Power Saving

68+KM /40+Miles
Max Range with Single Motor Mode

45+KM /28+Miles
Max Range with Dual Motor Mode

Figure 2: Illustration of the 48V 23Ah removable battery. The bike features two such batteries for a total of 46Ah.

Powering On/Off and Display

The bike is equipped with an intelligent LCD display. To power on, press and hold the power button on the display. The display will show speed, battery level, assist mode, and odometer readings. To power off, press and hold the power button again.



Figure 3: Intelligent LCD display and handlebar controls, including power switch, gear switch, horn, and light controls.

Riding Modes

The KETELES XF4000 offers four distinct riding modes:

- **Pure Electric Mode:** Engages the motor fully via the throttle, providing propulsion without pedaling.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. You can adjust the level of assistance using the PAS upshift/downshift buttons on the handlebar.
- **Classic Bike Mode:** The electric system is off, and the bike operates as a traditional bicycle, relying solely on pedal power.

- **Cruise Control Mode:** Maintains a set speed without continuous throttle input. Refer to the full manual for activation details.



Figure 4: Visual representation of the four riding modes: Assisted Bike, Electric Bike, Normal Bike, and Cruise Control Mode.

Gear Shifting

The bike is equipped with a Shimano 7-speed gearing system. Use the gear shifter on the handlebar to change gears according to terrain and desired speed. Shift smoothly to avoid strain on the drivetrain.

Your browser does not support the video tag.

Video 1: Demonstrates the KETELES XF4000 Electric Bike in various riding conditions, highlighting its dual motors, fat tires, and hydraulic disc brakes. The video also shows the Shimano 7-speed gearing in action.

Braking System

The KETELES XF4000 features front and rear hydraulic disc brakes with a power cut-off feature for enhanced safety. Squeeze both brake levers evenly for controlled stopping. Avoid sudden, hard braking, especially at high speeds.

High-Speed Front & Rear Dual Motor

2000W Powerful Motor

Top Speed 35MPH

Torque 85NM + 85NM



Figure 5: Close-up view of the hydraulic disc brake system, emphasizing its power cut-off feature for safe braking.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your electric bike.

- **Tire Pressure:** Check tire pressure before each ride. The 26" x 4.0" fat tires require specific pressure for optimal performance and comfort on different terrains. Refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Regularly inspect brake pads for wear and ensure brake levers provide firm, consistent stopping power. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Bolt Tightness:** Periodically check and tighten all bolts and fasteners, especially on the handlebars, seat post, wheels, and motor mounts.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery and charge it regularly, even when not in use, to prolong its lifespan.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.



CHAORYANG FAT TIRES

26in*4.0in



Snowfield



Hillside



Flatland



Gravel Road



**GRAVEL
ROAD**



**MOUNTAIN
ROAD**



**FLAT
ROAD**

Figure 6: The 26" x 4.0" Chaoyang fat tires are designed for various terrains including snowfield, hillside, flatland, and gravel roads, offering anti-slip and wear-resistant properties.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged, battery not properly seated, power cable loose.	Charge battery, ensure battery is locked in place, check all electrical connections.
Motor not assisting	Low battery, PAS level too low, brake lever engaged (power cut-off).	Charge battery, increase PAS level on display, ensure brake levers are fully released.

Problem	Possible Cause	Solution
Brakes feel spongy or weak	Air in hydraulic line, worn brake pads, misaligned caliper.	Bleed brake system, replace brake pads, adjust caliper alignment. Consult a professional if unsure.
Unusual noises from drivetrain	Dry chain, misaligned gears, loose components.	Lubricate chain, adjust derailleur, check for loose bolts.

SPECIFICATIONS

Feature	Detail
Model	KETELES XF4000
Motor Type	Dual 1000W Brushless Geared Hub Motors (Front & Rear)
Total Motor Power	2000W
Battery Capacity	48V 46Ah (2x 23Ah Removable Li-ion Batteries)
Max Speed	Up to 35 MPH (Actual speeds may vary based on rider weight, terrain, etc.)
Max Range	Up to 150 Miles (Single Motor Mode) / 28+ Miles (Dual Motor Mode)
Tires	26" x 4.0" Chaoyang Fat Tires (Anti-Slip, Wear Resistant)
Brakes	Front and Rear Hydraulic Disc Brakes with Power Cut-off
Gearing	Shimano 7-Speed
Suspension	Lockable Aluminum Alloy Crown Suspension Fork (Front)
Weight Capacity	Up to 330 lbs (150 kg)
Recommended Rider Height	5'2" - 6'4" (158-195 cm)
Features	Intelligent LCD Display, Bright LED Headlight, Sturdy Rear Rack

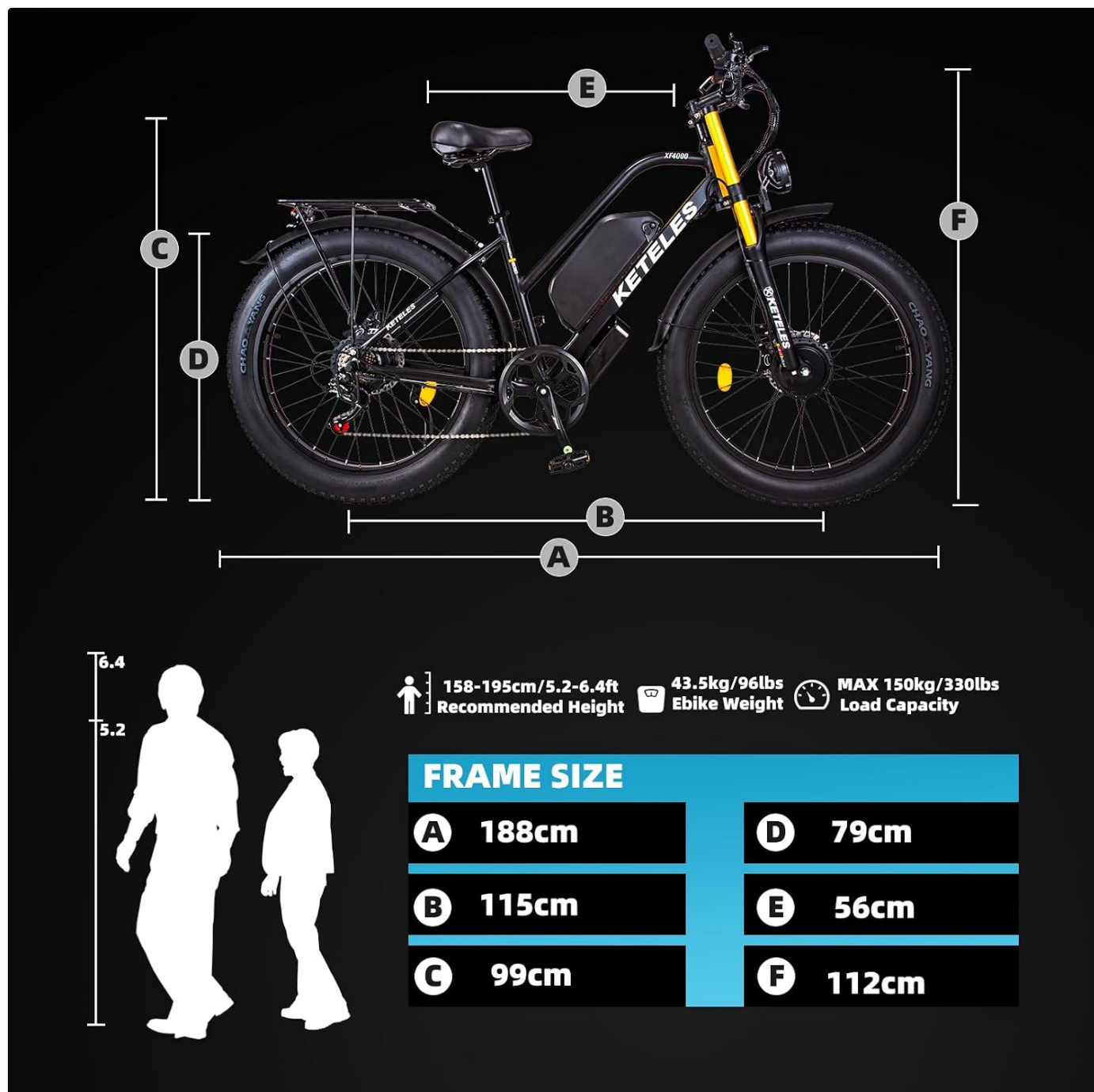


Figure 7: Detailed dimensions and weight capacity of the KETELES XF4000 Electric Bike.

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Bluehut customer service through the retailer where you purchased the product. Please have your model number (XF4000) and purchase date available. For additional resources and product information, you may visit the [Bluehut Store on Amazon](#).

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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.

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