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KETELES KF9

KETELES KF9 Electric Bicycle User Manual

Model: KF9 - 20-Inch Foldable Fat Tire Electric Mountain Bike

1. INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your KETELES KF9 20-inch Foldable Fat Tire Electric Mountain Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your electric bicycle. Retain this manual for future reference.



Figure 1: KETELES KF9 Electric Bicycle. This image displays the complete electric bicycle in its unfolded state, featuring fat tires, front suspension, a front basket, and a rear rack.

2. SAFETY GUIDELINES

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations for electric bicycles.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.

3. SETUP AND ASSEMBLY

Your KETELES KF9 electric bicycle comes partially assembled. Basic assembly is required before first use. An installation tool is included to assist with this process.

3.1 Unpacking and Initial Inspection

- Carefully remove all components from the packaging.
- Verify that all included components are present: Electric Bike, Battery, Charger, Installation Tool, Luggage Rack, Mudguard.
- Inspect the bicycle for any visible damage that may have occurred during shipping. Contact your retailer immediately if any damage is found.

3.2 Handlebar and Seatpost Installation

Install the handlebar and seatpost, ensuring they are securely tightened to the recommended torque specifications. Adjust the seat height for a comfortable riding position, allowing your feet to touch the ground when stopped.

3.3 Mudguard and Luggage Rack Attachment

Attach the front and rear mudguards and the luggage rack using the provided hardware and installation tool. Ensure all bolts are tightened securely.

3.4 Battery Installation and Initial Charge

Insert the battery into its designated compartment on the frame. Ensure it clicks into place securely. Fully charge the battery before your first ride. Refer to the 'Maintenance' section for charging instructions.

Dimension Description



Figure 2: Dimensions of the KETELES KF9 Electric Bicycle. This image illustrates the bicycle's dimensions in both its unfolded (69 inches long, 40 inches high) and folded (35.4 inches long, 29.5 inches high) configurations.



Figure 3: Detailed dimensions of the KETELES KF9 Electric Bicycle. This image provides specific measurements including tire thickness (4.0 inches), handlebar height, and overall length, useful for understanding the bike's physical footprint.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the electric system, press and hold the power button on the intelligent liquid crystal instrument display. Repeat the action to power off the system.

4.2 Using the Display

The intelligent liquid crystal instrument displays speed, battery indicator, and odometer. Use the buttons on the display to cycle through different information modes and adjust pedal assist levels.

4.3 Pedal Assist and Throttle Operation

- Pedal Assist:** The motor provides assistance as you pedal. Adjust the assist level via the display. Higher levels provide more power.

- **Throttle:** The rotary accelerator allows for pure electric power without pedaling. Twist the accelerator to engage the motor.

4.4 Gear Shifting

The KETELES KF9 features a Shimano TX50 21-speed shift lever for precise gear changes. Use the thumb shifter to select appropriate gears for varying terrain and speed. Shift smoothly to avoid strain on the drivetrain.

4.5 Braking System

The bicycle is equipped with mechanical disc brakes on both front and rear wheels, featuring power-off brake handles. When the brake levers are engaged, power to the motor is cut off for enhanced safety. Apply both brakes simultaneously for effective stopping.



Intelligent liquid
Crystal instrument

Speed display, battery
indicator, aluminum alloy
frame waterproof design

Shimano
TX50 21-speed
Shift Lever

Easy to shift Gear

Precise positioning,
simple operation and
sensitive response



Figure 4: Intelligent Liquid Crystal Instrument and Shimano TX50 Shifter. This image highlights the digital display showing speed and battery, and the 7-speed Shimano shift lever for gear changes.

4.6 Folding Mechanism

The KETELES KF9 is designed for quick folding, typically within 8 seconds. To fold the bicycle, locate the quick-release levers on

the frame and handlebar stem. Follow these steps:

1. Lower the seatpost to its lowest position.
2. Open the quick-release lever on the handlebar stem and fold the handlebars down.
3. Open the main frame folding lever, typically located in the middle of the frame, and carefully fold the bicycle in half.
4. Ensure all folding mechanisms are securely latched when unfolded for riding.

Aluminum alloy basket

Aluminum alloy front basket, which can bear 5kg
can meet daily needs



Imported Shimano TZ50 positioning rear dial

The chain cannot be removed or jammed
after positioning



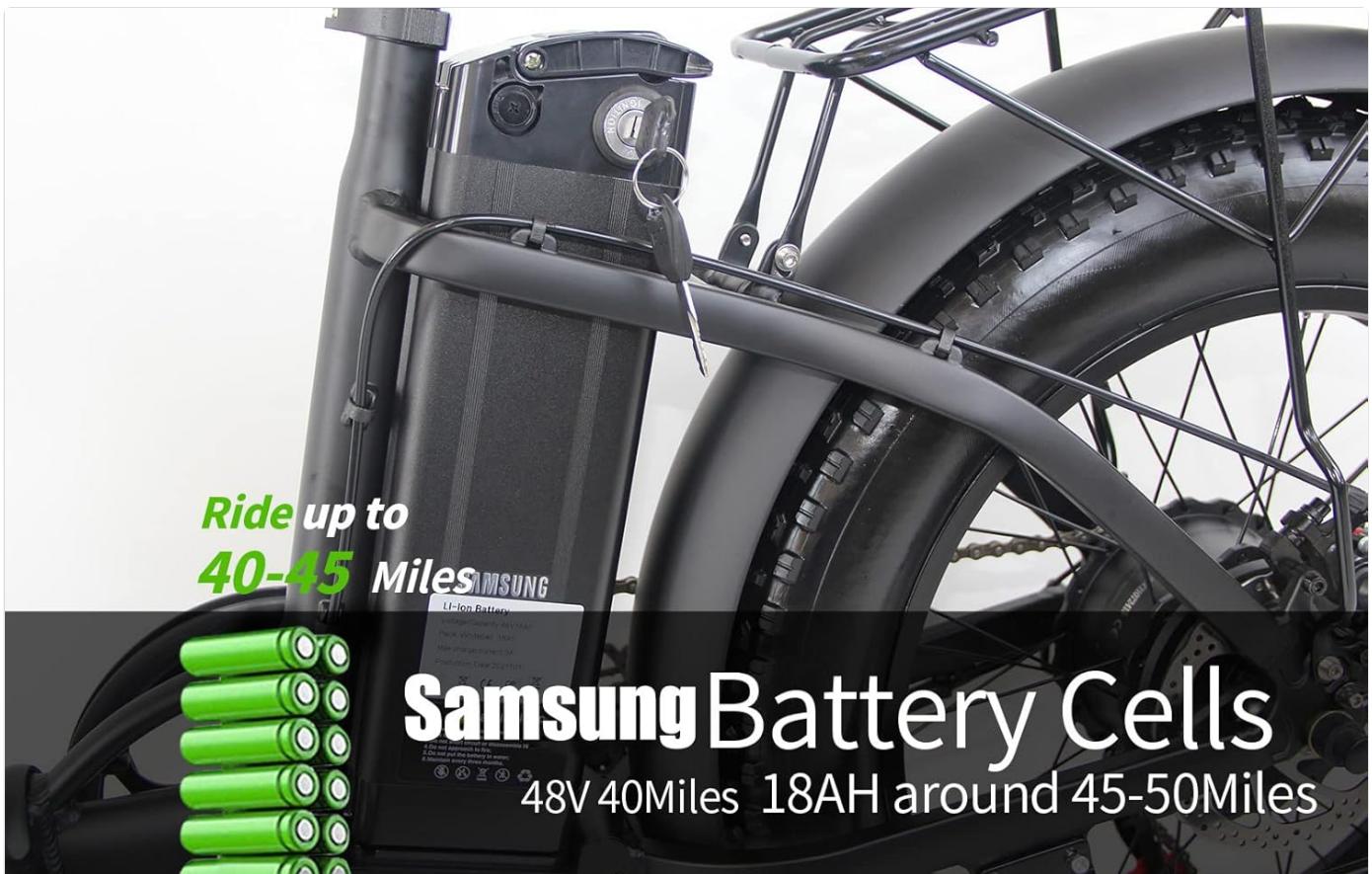
Aluminum Alloy Pedal Durable and non-slip

Figure 5: Close-up of the KETELES KF9 folding mechanism. This image shows the bicycle partially folded, with detailed views of the frame hinge and pedal folding points, demonstrating its compact design.

5. MAINTENANCE

5.1 Battery Charging

The KETELES KF9 uses a 48V 18Ah Samsung battery. Use only the provided smart charger for lithium batteries. Charging typically takes 7-9 hours for a full charge. Do not overcharge the battery. Charge in a well-ventilated area.



The distance of pedal assisted driving can reach **100 km**

More than **1000** charging cycles

Using powerful **18650** lithium battery

Figure 6: Samsung Battery Cells. This image displays the battery pack, highlighting its Samsung cells and indicating a range of 45-50 miles (approximately 100 km) on a single charge, with over 1000 charging cycles.

5.2 Tire Pressure

Maintain appropriate tire pressure for optimal performance and safety. Refer to the tire sidewall for recommended pressure ranges. Fat tires typically operate at lower pressures than standard bicycle tires.

5.3 Brake Inspection and Adjustment

Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust brake cables as needed or consult a bicycle technician for professional adjustment.

5.4 Chain Lubrication

Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear. Use a bicycle-specific chain lubricant.

5.5 General Cleaning

Clean your electric bicycle regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your KETELES KF9 electric bicycle.

- **No Power:** Check if the battery is fully charged and properly seated. Ensure the power button on the display is pressed.
- **Motor Not Engaging:** Verify that the pedal assist level is set above zero or that the throttle is engaged. Check if brake levers are fully released, as they cut power to the motor.
- **Unusual Noises:** Inspect the chain, gears, and brakes for any obstructions or loose components.
- **Reduced Range:** Ensure the battery is fully charged. Factors like terrain, rider weight, tire pressure, and assist level can affect range.

For issues not covered here, or if problems persist, please contact the manufacturer or your retailer for assistance.

7. SPECIFICATIONS

The following table details the technical specifications of the KETELES KF9 Electric Bicycle.

Configuration details

Cost-effective allocation

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Parts	Specification	Remarks
Type	Lithium snowmobile kf9	
Motor	High speed brushless toothed motor 8-core waterproof wire front and rear double motors	
Battery	Samsung 18A battery	48V
Meter	LCD dustproof and waterproof instrument	
Controller	Intelligent brushless over-current temperature protection	48V
Charger	Smart charger for lithium battery	48V 2A current
Accelerator	Three lamp power display of rotary accelerator	
Booster	High sensitivity induction booster for easier riding and power saving	
Lamp + horn	Diming photoelectric integrated LED lamp and horn	
Brake	Jiekang front and rear power-off brake handle	
Pure electric range	18AH is about 45-50km	
Boost range	About 100 kilometers	This is pure battery life
Charging time	7-9 hours	Everyone's mileage is different
Load capacity	200KG	Because personal weight, vehicle use and road conditions are different

Figure 7: Configuration details for the KETELES KF9 Electric Bicycle, part 1. This image presents a table outlining key components such as battery type (Samsung 18Ah), motor, meter, controller, charger, accelerator, booster, lamp, horn, and brake system.

Car configuration KF9	
Frame	Special frame for aluminum alloy lithium battery
Thumb shifter	Imported Shimano tx30 positioning dial
Back dialing	Imported Shimano TZ50 positioning rear dial
Wheel size	20 inches
Wheel set	20 inch aluminum alloy rim
Tyre	20 inch 20 * 4.0 Special tire for snowmobile
Front fork	All aluminum adjustable locking damping front fork
Brake	Mechanical disc brake
Dental disc	Taiwan haomeng dental disc
Free wheel	Imported Shimano mf-tz500-7 positioning flywheel
Net weight	31KG
Gross weight	36.5KG
Package size	143*29*77

Note: Parts may change due to different batches, but we will use the same or better configuration instead, mind careful packing!

Do a good job of mountain bike, we have more focus This is how we do everything!

Engineers redesign both exterior and interior structures. Suggestions from all sides should be absorbed and carefully crafted so as to achieve the ultimate goal.



5000 second

Customer Return Survey



200 set

Clothing Matching Test



25 sheet

Contrast of design drawings

Figure 8: Configuration details for the KETELES KF9 Electric Bicycle, part 2. This image continues the specification table, detailing the frame material (aluminum alloy), shifters (Shimano TX30/TZ50), wheel size (20 inches), tire type (4.0 snowmobile), front fork, dental disc, free wheel, net weight, gross weight, and package size.

Feature	Specification
Model	KF9
Age Range	Adult
Bike Type	Folding Bike, Mountain Bike
Brake Type	Mechanical Disc Brake
Frame Material	Aluminium Alloy
Number of Speeds	7 (Shimano TX50 21-speed shift lever implies 7-speed rear derailleur)
Suspension	Front

Feature	Specification
Special Feature	Foldable
Included Components	Battery, Charger, Electric Bike, Installation Tool, Luggage Rack, Mudguard
Battery	48V 18Ah Samsung Lithium Battery
Charging Time	7-9 hours
Load Capacity	200 kg
Item Weight	27 kg
Wheel Size	20 inches
Tire Type	20 inch * 4.0 Special tire for snowmobile (Fat Tire)
Manufacturer	Shenzhen Tuxiang Technology Co., Ltd.

8. WARRANTY AND SUPPORT

For information regarding warranty coverage and terms for your KETELES KF9 Electric Bicycle, please refer to the documentation provided at the time of purchase or contact your retailer directly. For technical support or service inquiries, please reach out to the manufacturer, Shenzhen Tuxiang Technology Co., Ltd., or your authorized dealer.

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