

KETELES KF9

KETELES KF9 Electric Bicycle User Manual

20-inch Folding Fat Tire Electric Mountain Bike

INTRODUCTION

Thank you for choosing the KETELES KF9 Electric Bicycle. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric bike. Please read it thoroughly before your first ride to ensure optimal performance and safety. The KF9 is a versatile 20-inch folding fat tire electric bicycle designed for various terrains, including snow and beach, offering a powerful and adaptable riding experience.



Image: The KETELES KF9 Electric Bicycle, showcasing its robust design and included dual battery option.

SETUP AND ASSEMBLY

Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect for any damage that may have occurred during transit. Ensure all listed components are present:

- Electric bicycle
- Battery (48V18Ah)
- Charger
- Mudguard
- Luggage rack
- Installation tools

Assembly Instructions

While the bike comes largely pre-assembled, some components require attachment. Use the provided installation tools.

1. **Handlebar Installation:** Secure the handlebar stem into the fork tube and tighten the bolts. Ensure the handlebar is straight and firm.
2. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms. Note that the left pedal has a reverse thread. Tighten securely.
3. **Front Wheel Installation:** If not already attached, align the front wheel with the fork dropouts and secure it with the quick-release skewer or axle nuts. Ensure the disc brake rotor is correctly seated in the caliper.
4. **Seat Post and Saddle:** Insert the seat post into the frame's seat tube. Adjust the saddle height for comfortable pedaling, ensuring your leg has a slight bend at the bottom of the pedal stroke. Tighten the quick-release lever or bolt.
5. **Mudguard and Luggage Rack:** Attach the mudguards and luggage rack using the designated mounting points and screws.

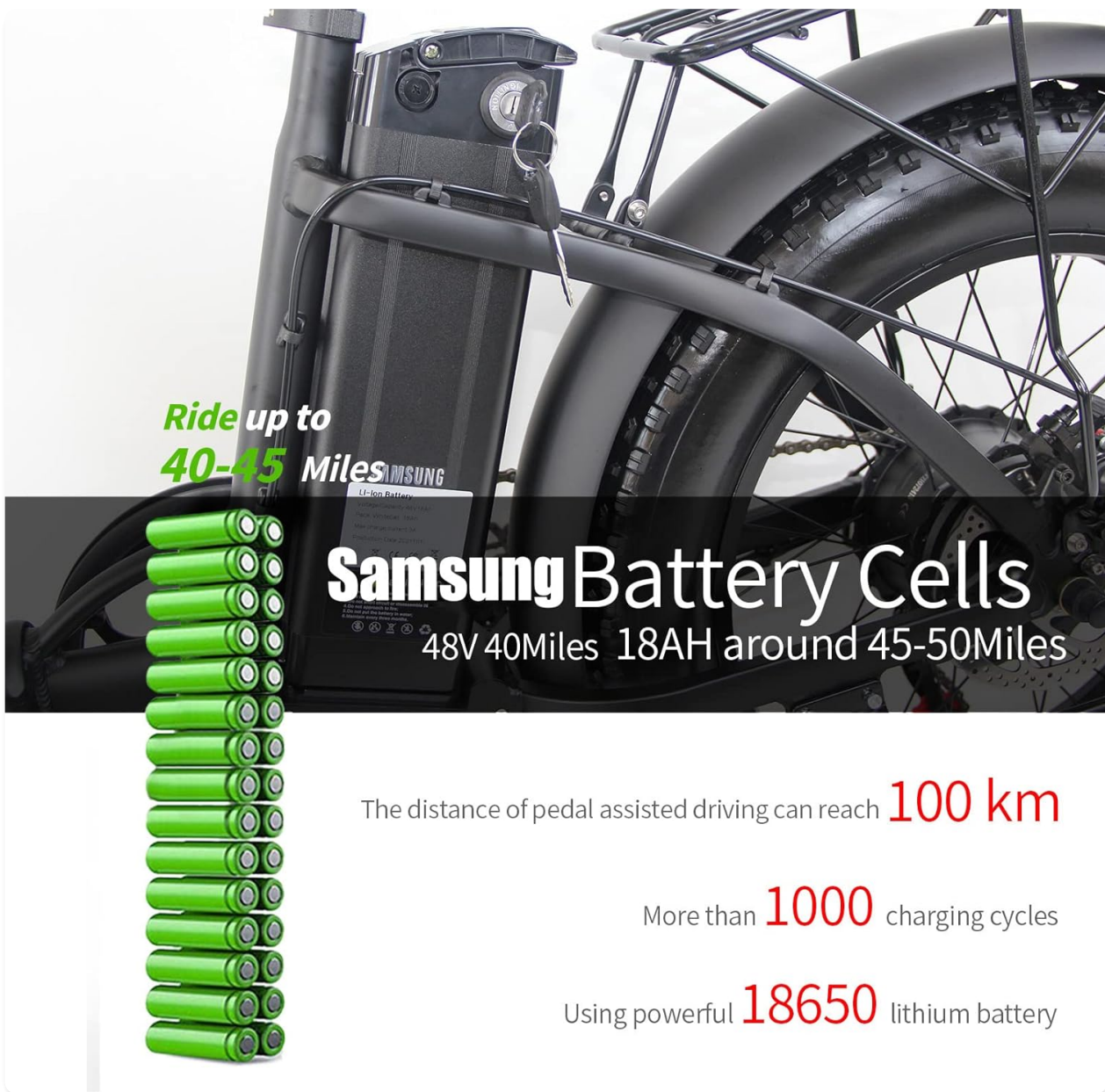


Image: Detailed dimensions of the KETELES KF9 Electric Bicycle, including height, length, and tire thickness.

Battery Installation and Initial Charge

The KETELES KF9 comes with a removable 48V18Ah battery. Ensure the battery is fully charged before your first ride.

1. **Install Battery:** Slide the battery into its designated slot on the frame until it clicks securely into place. Use the key to lock it if applicable.
2. **Charging:** Connect the charger to the battery charging port and then to a standard power outlet. The charging indicator on the charger will show the charging status. A full charge typically takes 7-9 hours.



Ride up to
40-45 Miles

Samsung Battery Cells
48V 40Miles 18AH around 45-50Miles

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

More than **1000** charging cycles

Using powerful **18650** lithium battery

Image: Illustration of the Samsung battery cells used in the KETELES KF9, highlighting its capacity and charging cycles.

Folding and Unfolding

The KF9 features a convenient folding design for easy storage and transport.

1. **Folding:** Locate the quick-release levers on the frame and handlebar stem. Open these levers and carefully fold the bike in half. Ensure all components are clear to prevent pinching.
2. **Unfolding:** Reverse the folding process. Ensure all quick-release levers are securely closed and locked before riding.

Dimension Description

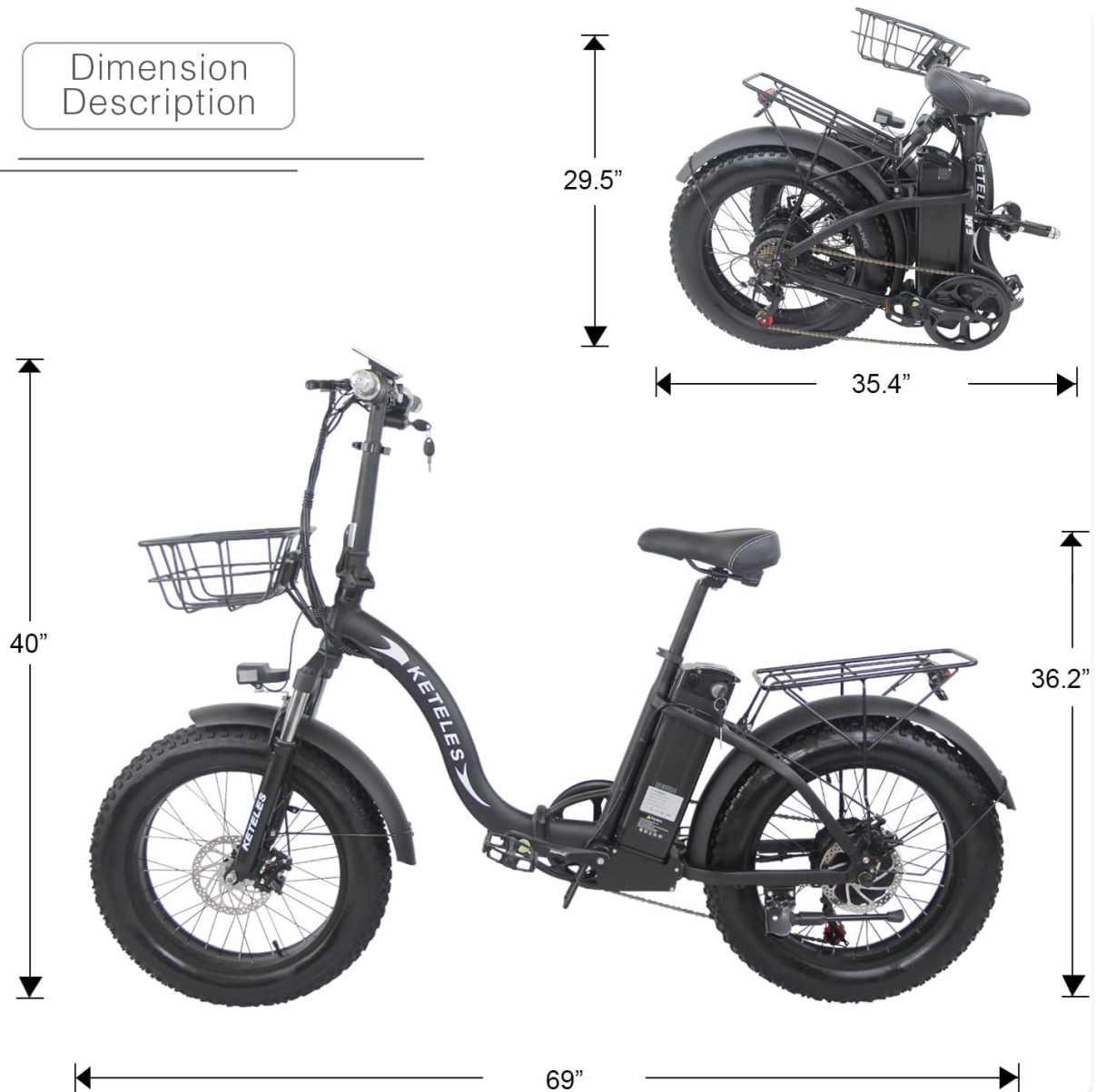


Image: The KETELES KF9 Electric Bicycle in its folded state, showing its compact dimensions for storage.

OPERATING INSTRUCTIONS

Powering On/Off and Display

To power on the e-bike, press the 'M' key for 2-5 seconds until the instrument display lights up. The LCD display provides essential information:

- **Speed Display:** Shows current riding speed.
- **Battery Indicator:** Displays remaining battery charge.
- **Mileage:** Tracks total distance traveled.
- **PAS Level:** Indicates the current pedal assist level (0-5).

Image: Instructions on how to start the e-bike and an overview of the intelligent liquid crystal instrument display, showing speed, battery status, and mileage.

Riding Modes

The KETELES KF9 offers three riding modes:

1. **Human Riding Mode (Power Off Cycling):** Ride the bike like a traditional bicycle without electric assistance.
2. **Fully Electric Mode:** Twist the throttle to engage the motor and ride without pedaling.
3. **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Press the '+' button to increase the pedal assist level from 1 to 5. Level 5 provides maximum assistance.



Enjoy climbing 35 degrees
So easy!

800W high-speed brushless geared rear hub motor has large torque and amazing climbing ability
No longer struggle on slope, but ride like it's on flat ground

35°
Gradient

THREE POWER MODE EASY SWITCHING TRIP
More healthy riding, easier electric travel



Human riding mode
Power off cycling



Fully electric mode
Turn on the 1-5 gear of the power supply
and turn the electric handle



Pedal Assist
Intelligent assistance
intervention of 1-5 gear riding

Image: Visual representation of the three power modes (Human, Fully Electric, Pedal Assist) and the bike's ability to climb 35-degree gradients.

Gear Shifting

The bike is equipped with a 7-speed Shimano gear system. Use the Shimano TX50 shift lever to change gears. Shift gears smoothly to match terrain and speed, ensuring efficient pedaling and motor operation.



Image: Close-up of the Shimano TX50 shift lever, highlighting its ease of use for precise gear changes, alongside the intelligent liquid crystal instrument.

Braking System

The KF9 features high-performance mechanical disc brakes on both front and rear wheels. Apply both brakes simultaneously for effective and controlled stopping. Regularly check brake pad wear and cable tension.



Image: Close-up of the high-performance mechanical disc brake, emphasizing its ease of operation, high sensitivity, and long service life.

MAINTENANCE

Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid fully discharging the battery.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Use only the original charger provided.

Tire Maintenance

The KF9 features 20-inch x 4.0 special fat tires, ideal for snow and off-road conditions.

- Regularly check tire pressure. Refer to the tire sidewall for recommended PSI.
- Inspect tires for cuts, punctures, or excessive wear before each ride.



20 inch 20 * 4.0 special tire for snowmobile

Excellent grip, tear resistance, nail stab resistance, can adapt to extremely cold and snow road surface, as well as the original field terrain



About 3cm thick



About 4.5 tire width

Image: Close-up of the 20-inch x 4.0 special fat tire, highlighting its excellent grip and tear resistance for snow and off-road terrain.

General Cleaning and Lubrication

- Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- Lubricate the chain and other moving parts periodically to ensure smooth operation and prevent rust.
- Check all bolts and fasteners for tightness before each ride.

TROUBLESHOOTING

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

- **Bike not powering on:**
 - Check if the battery is properly installed and locked.

- Ensure the battery is charged.
- Verify that the power button on the display is pressed correctly.

- **Motor not assisting:**

- Check the battery level.
- Ensure you are in Pedal Assist (PAS) mode and pedaling, or using the throttle in Fully Electric mode.
- Inspect for any loose cable connections to the motor or controller.

- **Brakes feel spongy or ineffective:**

- Check brake cable tension and adjust if necessary.
- Inspect brake pads for wear and replace if worn out.
- Ensure brake calipers are properly aligned with the disc rotors.

- **Unusual noises during riding:**

- Check for loose components, especially on the wheels, pedals, or chain.
- Lubricate the chain if it sounds dry.
- Inspect the spokes for any looseness.

For issues not covered here, please contact KETELES customer support.

SPECIFICATIONS

Feature	Specification
Model	KF9
Bicycle Type	Pedelec (Electric Bicycle)
Wheel Size	20 inches
Tire Type	20 x 4.0 Fat Tire (Snowmobile Special Tire)
Motor	High-speed brushless toothed motor (8-core waterproof wire)
Battery	48V18Ah Samsung Battery Cells (Removable)
Pure Electric Range	Approx. 45-50 km (18AH)
Pedal Assist Range	Up to 100 km
Charging Time	7-9 hours
Load Capacity	200 KG

Feature	Specification
Frame Material	Aluminum Alloy
Gears	7-speed (Shimano TZ50 rear dial)
Brakes	Mechanical Disc Brakes (Front & Rear)
Suspension	Gabelfederung (Fork Suspension)
Controller	Intelligent brushless over-current temperature protection
Meter	LCD dustproof and waterproof instrument
Net Weight	27 Kilograms
Included Components	Electric bicycle, Battery, Charger, Mudguard, Luggage rack, Installation tools

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

Image: Part 1 of the configuration details table for the KETELES KF9, outlining specifications for motor, battery, meter, and range.

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 patting!

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

Image: Part 2 of the configuration details table for the KETELES KF9, detailing frame material, wheel size, brake type, and overall weight.

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your KETELES KF9 Electric Bicycle, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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<p>KETELES KF9 User Manual</p>	<p>KETELES KF9 User Manual - Assembly and Operation Guide</p> <p>Comprehensive user manual for the KETELES KF9 All Terrain Electric Fat Bike, covering assembly, smart display functions, safety guidelines, error codes, and maintenance.</p>
<p>KETELES KF9 User Manual</p>	<p>KETELES KF9 Electric Fat Bike User Manual</p> <p>Comprehensive user manual for the KETELES KF9 All Terrain Electric Fat Bike, covering assembly, operation, smart display functions, cruise control, safety guidelines, warranty information, and troubleshooting.</p>
	<p>Keteles K800 Fat Tire Electric Bike User Manual and Assembly Guide</p> <p>Comprehensive guide for the Keteles K800 Fat Tire Electric Bike, covering assembly, operation, maintenance, and safety tips for optimal performance and longevity.</p>
<p>KETELES K800 User Manual</p>	<p>KETELES K800 User Manual - Assembly and Operation Guide</p> <p>Comprehensive user manual for the KETELES K800 All Terrain Electric Fat Bike, covering assembly instructions, safety guidelines, and maintenance tips.</p>
	<p>KETELES XF4000 Electric Fat Bike User Manual and Assembly Guide</p> <p>Comprehensive user manual for the KETELES XF4000 electric fat bike, covering assembly instructions, smart display features, operation, maintenance, troubleshooting, and warranty information.</p>
	<p>KETELES K800 Electric Bike User Manual and Assembly Guide</p> <p>Comprehensive user manual for the KETELES K800 All Terrain Electric Fat Bike, covering assembly instructions, battery care, range optimization, error codes, and maintenance tips.</p>