

KETELES K800

KETELES Dual Motor Electric Bike User Manual

Model: K800

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your KETELES Dual Motor Electric Bike, Model K800. Please read this manual thoroughly before first use and retain it for future reference.

The KETELES K800 is a high-performance electric bicycle designed for adults, featuring dual motors, fat tires, and multiple riding modes suitable for various terrains.

2. SAFETY INFORMATION

Always prioritize safety when operating the electric bike. Failure to follow safety guidelines can result in serious injury or damage to the product.

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local laws and regulations regarding electric bicycles.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery level.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Ensure the battery is fully charged before long rides.
- Avoid riding in extreme weather conditions.
- The maximum load capacity for this bike is 440 pounds (200 kg). Do not exceed this limit.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. If any items are missing or damaged, contact customer support immediately.

- KETELES K800 Electric Bike (partially assembled)
- Removable 48V 23AH Lithium Battery
- Battery Charger
- Tool Kit
- User Manual (this document)

- Keys for battery lock
- Air Pump
- Bike Lock

4. SETUP AND ASSEMBLY

The KETELES K800 electric bike is 85% pre-assembled. The following steps outline the final assembly process. It is recommended to have basic mechanical ability or seek professional assistance if unsure.

4.1 Unpacking and Initial Inspection

Carefully remove the bike and all components from the packaging. Inspect for any visible damage during transit.

4.2 Handlebar Installation

Attach the handlebar to the stem, ensuring all cables are routed correctly and not pinched. Tighten the bolts securely.

4.3 Front Wheel Installation

Install the front wheel, ensuring the disc brake rotor aligns correctly with the caliper. Secure the quick-release skewer or axle nuts firmly.

4.4 Pedal Installation

Identify the left (L) and right (R) pedals. Thread them into the corresponding crank arms. Note that the left pedal has a reverse thread. Tighten firmly with a wrench.

4.5 Seat Post and Saddle Adjustment

Insert the seat post into the frame and adjust the saddle height to a comfortable riding position. Ensure the minimum insertion mark on the seat post is not visible. Tighten the quick-release clamp or bolt.

4.6 Battery Installation and Charging

Insert the removable 48V 23AH battery into its compartment on the frame. Lock it securely with the provided key. Before first use, fully charge the battery. A full charge typically takes 7-9 hours.



7-9 hour
charging time



More than 1000
charging cycles



Waterproof
Material



Ride up to
55-65km



Pure Electric Mode
About 40-50km (31miles)

Figure 4.6.1: The 48V 23AH removable lithium battery, offering 1104WH capacity and a 7-9 hour charging time.



Figure 4.6.2: Detailed view of the 48V 23AH battery, emphasizing its 1104WH capacity, 7-9 hour charging time, over 1000 charging cycles, waterproof material, and estimated range.

4.7 Rear Rack Assembly (if applicable)

If your model includes a rear rack, attach it according to the provided instructions. This step may require additional effort for proper alignment and secure fastening.

5. OPERATING INSTRUCTIONS

Understanding the controls and riding modes will enhance your experience with the KETELES K800 electric bike.

5.1 Powering On/Off

To power on the bike, ensure the battery is installed and locked. Locate the power button, typically near the display or battery. Press and hold to turn on. Repeat to turn off.

5.2 LCD Display Overview

The color LCD display provides real-time information about your ride.

- **Battery Display:** Shows current battery charge level.
- **Speed Display:** Indicates current riding speed (km/h).
- **Power Assist Gear Display (PAS):** Shows the current level of pedal assist.
- **Travel Distance Display:** Displays trip distance, odometer, and maximum speed.



BATTERY DISPLAY

SPEED DISPLAY

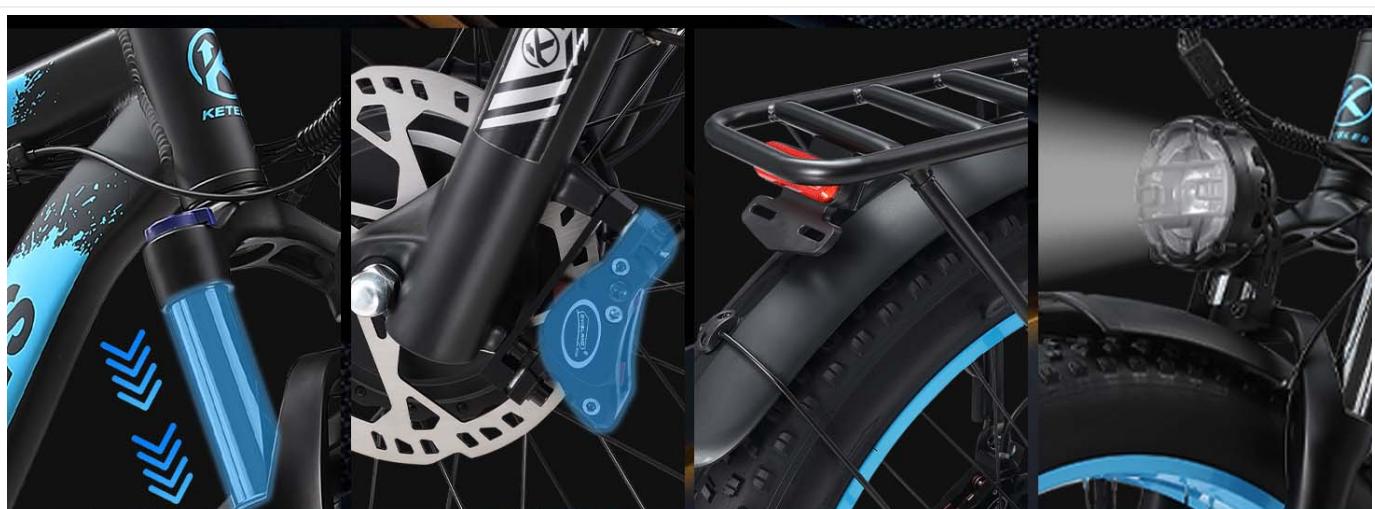
POWER ASSIST GEAR DISPLAY

TRAVEL DISTANCE DISPLAY

COLOR LCD DISPLAY



Figure 5.2.1: The handlebar controls and color LCD display, indicating battery, speed, power assist, and travel distance information.



Lockable Aluminum Suspension Fork

Hydraulic Disc Brake

Robust Rear Frame

High Bright Headlamp

Figure 5.2.2: Detailed diagram of the KETELES K800 handlebar, highlighting the LCD display, horn, lamp button, throttle, gear switch, and front motor on-off switch.

5.3 Riding Modes

The K800 offers 5 versatile riding modes:

1. **Dual-Motor Pure Electric Mode:** Utilizes both 2000W peak motors for maximum power and speed without pedaling.
2. **Single-Motor Pure Electric Mode:** Uses one motor for electric propulsion without pedaling, conserving battery.
3. **Power-Assisted Mode (PAS):** Provides electric assistance as you pedal. Adjust the assist level (1-5) via the display controls.
4. **Walking Mode:** Provides low-speed assistance for pushing the bike while walking.
5. **Cruise Mode:** Maintains a set speed without continuous throttle input.

An adjustable switch on the handlebar allows switching between single-motor or dual-motor operation.



Figure 5.3.1: Illustration of the KETELES K800's front and rear dual motors, providing a combined peak power of 4000W and 170N·M torque.



Figure 5.3.2: Visual representation of the KETELES K800's high-speed brushless dual motors and key performance indicators, including climbing ability, maximum speed, and gear system.

5.4 Gear Shifting

The 21-speed transmission allows you to select appropriate gears for different terrains and riding conditions. Use the shift levers on the handlebar to change gears smoothly.

5.5 Braking System

The K800 is equipped with front and rear hydraulic disc brakes for reliable stopping power. Apply both brakes simultaneously for optimal control. The braking system includes a motor cut-off feature for added safety.

4000W Peak

**85 NM
MAX TORQUE**

**High-Speed Brushless
Dual Motors**

40° SLOPS
Climbing

31-34MPH
Max Speed

21-Speed
Shimano Gears

48V 4000W
Brushless Motor

Figure 5.5.1: Detailed view of the hydraulic disc brake system and the lockable suspension fork, which enhances ride comfort and control.



Figure 5.5.2: Key structural and safety features of the KETELES K800, including the lockable aluminum suspension fork, hydraulic disc brakes, robust rear frame, and high-brightness headlamp.

5.6 Lighting System

The bike features a 2-in-1 running light and brake tail light. The headlight provides a bright, flat beam that can be adjusted to avoid blinding oncoming traffic. The tail light illuminates when the headlight is on and brightens upon braking.

5.7 Fat Tires

The 26" x 4" fat tires provide excellent grip, tear resistance, and stability, making the K800 suitable for various terrains including flat roads, gravel, mountain roads, and snow.

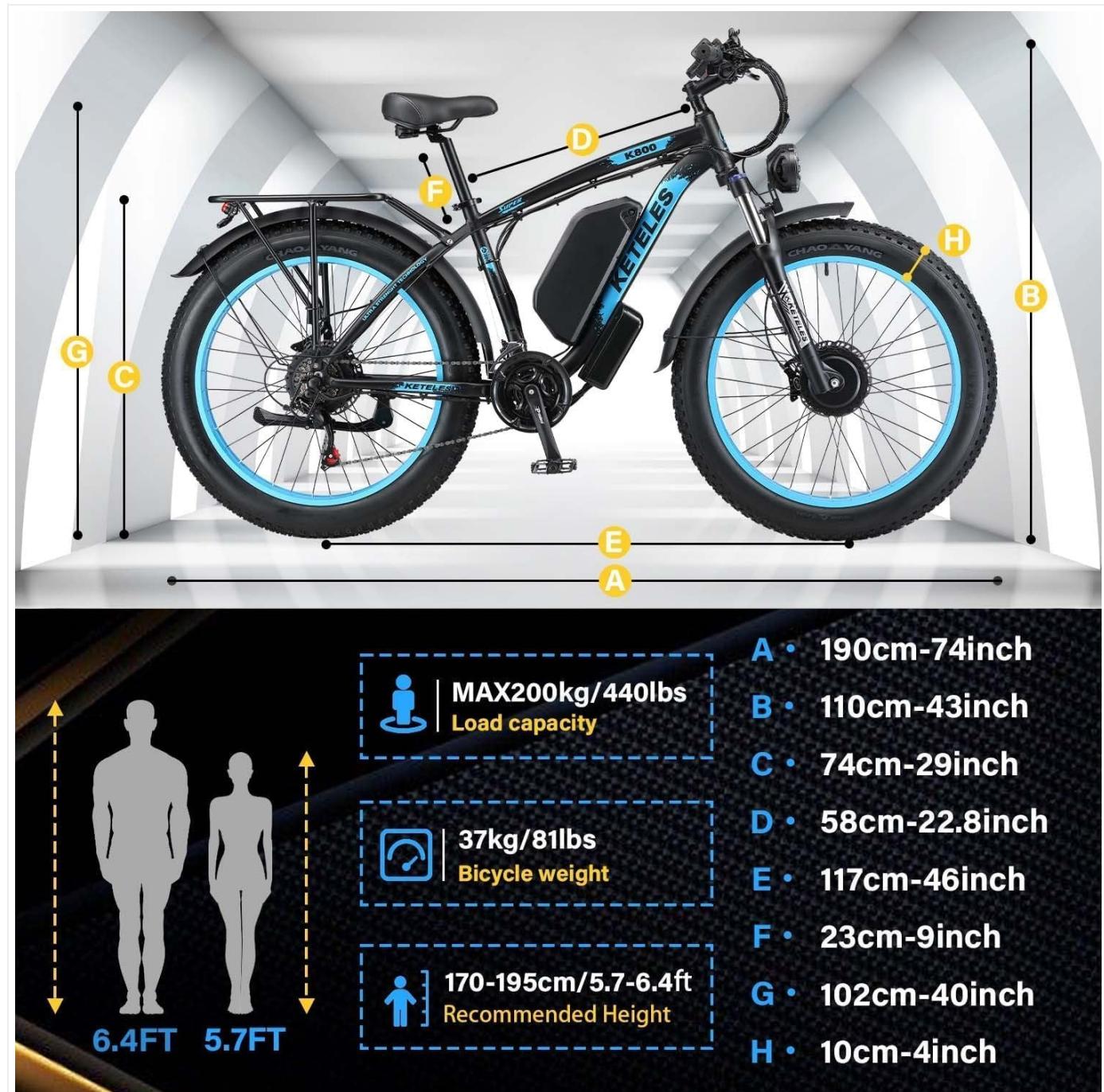


Figure 5.7.1: The 26" x 4.0" fat tire, designed for superior grip and stability across diverse terrains such as flat roads, gravel, mountain paths, and snow.



Figure 5.7.2: The KETELES K800's 26" x 4.0" fat tires are engineered for excellent grip and stability, performing well on flat roads, gravel, mountain trails, and snow.

6. MAINTENANCE

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

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Inspect brake pads and rotors for wear. Adjust or replace as needed. Ensure brake levers are firm.
- **Chain Lubrication:** Lubricate the chain regularly, especially after riding in wet conditions.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially on critical components like handlebars, wheels, and seat post.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods. Charge it at least once every two months if not in use.
- **Professional Inspection:** Consider a professional bike shop inspection at least once a year.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not installed correctly, battery discharged, power button not pressed correctly.	Ensure battery is fully inserted and locked. Charge the battery. Press and hold the power button firmly.
Motor not assisting.	PAS level set to 0, battery low, motor cut-off engaged (e.g., brake lever squeezed).	Increase PAS level. Charge battery. Release brake levers fully. Check motor connection cables.
Brakes feel spongy or weak.	Air in hydraulic lines, worn brake pads, misaligned caliper.	Bleed hydraulic brakes (professional recommended). Inspect and replace brake pads. Realign brake caliper.

Problem	Possible Cause	Solution
Gears are not shifting smoothly.	Derailleur out of adjustment, dirty/dry chain, bent hanger.	Adjust derailleur limits and cable tension. Clean and lubricate chain. Inspect derailleur hanger for damage.
Unusual noises from bike.	Loose components, dry chain, brake rub.	Check all bolts for tightness. Lubricate chain. Adjust brake caliper to prevent rubbing.

8. SPECIFICATIONS

Key technical specifications for the KETELES K800 Electric Bike.

Feature	Specification
Model	K800
Motor Power	Dual 2000W Peak Motors (4000W combined peak)
Torque	170 N·M
Battery	48V 23AH (1104WH) Removable Lithium Battery
Charging Time	7-9 hours
Pure Electric Range	Approx. 40-50 Km (25-31 miles)
Electric Assist Range	Approx. 80-100 Km (50-62 miles)
Tires	26" x 4" Fat Tires
Gears	21-Speed Transmission
Brakes	Front and Rear Hydraulic Disc Brakes
Frame Material	Lightweight Aluminum Alloy
Suspension	Front Suspension Fork (Lockable)
Max Load Capacity	440 lbs (200 kg)
Item Weight	38 kg (83.7 lbs)
Product Dimensions	189.99 x 73.66 x 113.03 cm (74.8 x 29 x 44.5 inches)
Recommended Rider Height	170-195 cm (5.7-6.4 ft)



Figure 8.1: Dimensional specifications and load capacity of the KETELES K800 electric bike, including recommended rider height.

9. WARRANTY AND SUPPORT

KETELES provides comprehensive support for your electric bike.

- **Warranty:** A 12-month warranty is provided for the battery, motor, and controller.
- **Technical Support:** Lifetime technical support is available.
- **Contact:** If you have any questions or require assistance, please contact KETELES customer support. Solutions are typically provided within 24 hours.
- **Returns:** Kindly retain the original packaging for 1 month for possible returns.



[KETELES K800 Electric Bike User Manual and Assembly Guide](#)

Comprehensive user manual for the KETELES K800 All Terrain Electric Fat Bike, covering assembly instructions, battery care, range optimization, error codes, and maintenance tips.

lang:en score:35 filesize: 6.9 M page_count: 23 document date: 2023-05-17



[KETELES K800 Electric Bike User Manual](#)

Comprehensive user manual for the KETELES K800 electric bike, covering assembly, operation, smart display functions, maintenance, troubleshooting, and warranty information.

lang:en score:30 filesize: 5.22 M page_count: 22 document date: 2024-06-13



[KETELES K800 Electric Bike User Manual](#)

User manual for the KETELES K800 electric bike, covering assembly, smart display instructions, warranty information, and maintenance tips.

lang:en score:26 filesize: 5.62 M page_count: 22 document date: 2023-11-16



[KETELES K800 PRO Electric Bike User Manual](#)

Comprehensive user manual for the KETELES K800 PRO electric bike, covering assembly, operation, smart display instructions, maintenance, and warranty information.

lang:en score:21 filesize: 7.95 M page_count: 25 document date: 2024-01-30



[Keteles KF9 Electric Bike User Manual](#)

Comprehensive user manual for the Keteles KF9 electric bike, covering assembly, operation, and safety tips. Learn how to assemble your e-bike, use its features, and maintain it for optimal performance.

lang:en score:20 filesize: 878.49 K page_count: 11 document date: 2024-01-30



[KETELES K800 E-Bike User Manual: Assembly, Operation, and Maintenance Guide](#)

Comprehensive user manual for the KETELES K800 electric fat bike. Includes assembly instructions, operation details, safety guidelines, and maintenance tips for optimal performance.

lang:en score:19 filesize: 6.68 M page_count: 22 document date: 2023-05-17

[KETELES K800 User Manual - Assembly and Operation Guide](#)

Comprehensive user manual for the KETELES K800 All Terrain Electric Fat Bike, covering assembly instructions, safety guidelines, and maintenance tips.

lang:en **score:18** filesize: 6.57 M page_count: 21 document date: 2023-05-03



[Keteles K800 Fat Tire Electric Bike User Manual and Assembly Guide](#)

Comprehensive guide for the Keteles K800 Fat Tire Electric Bike, covering assembly, operation, maintenance, and safety tips for optimal performance and longevity.

lang:en **score:15** filesize: 5.91 M page_count: 20 document date: 2022-11-02

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