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> [HiKeep](#) /

> HiKeep BF-K6-L-A3-Black Electric Bike User Manual

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HiKeep Electric Bike User Manual

Model: BF-K6-L-A3-Black | Brand: HiKeep

1. INTRODUCTION

Thank you for choosing the HiKeep Electric Bike. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. This electric bike is designed for adults. Ensure the battery is securely locked before riding.

- Always perform a pre-ride inspection, checking brakes, tire pressure, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Avoid riding in extreme weather conditions.
- Ensure all screws and components are tightened regularly, especially after riding on rough terrain.

3. PACKAGE CONTENTS

Upon unboxing, please verify that all items listed below are present:

- HiKeep Electric Bike (90% pre-assembled)
- Cycling Glasses
- Cycling Organizer Bag
- Pump Set
- Installation Tool Set
- Charger
- User Manual (this document)



Image: The HiKeep electric bike shown with its bonus package items, including cycling glasses, an organizer bag, a pump, and a tool kit.

4. SETUP AND ASSEMBLY

Your HiKeep electric bike arrives 90% pre-assembled to facilitate quick setup. The remaining assembly typically involves attaching the front wheel, handlebars, pedals, and seat. Refer to the included installation tool set for assistance.

1. Carefully remove the bike and all components from the packaging.
2. Attach the front wheel, ensuring the disc brake rotor is correctly aligned with the caliper.
3. Install the handlebars, making sure they are centered and tightened securely.
4. Screw in the pedals (note: left and right pedals are marked).
5. Insert the seat post and adjust the seat height for comfortable riding.
6. Before your first ride, fully charge the battery for 4-5 hours.

Important: After receiving the package, immediately remove one of the battery keys and the power key and store them

safely to prevent loss. Separate keys are not provided.

High-strength frame Off-road frame



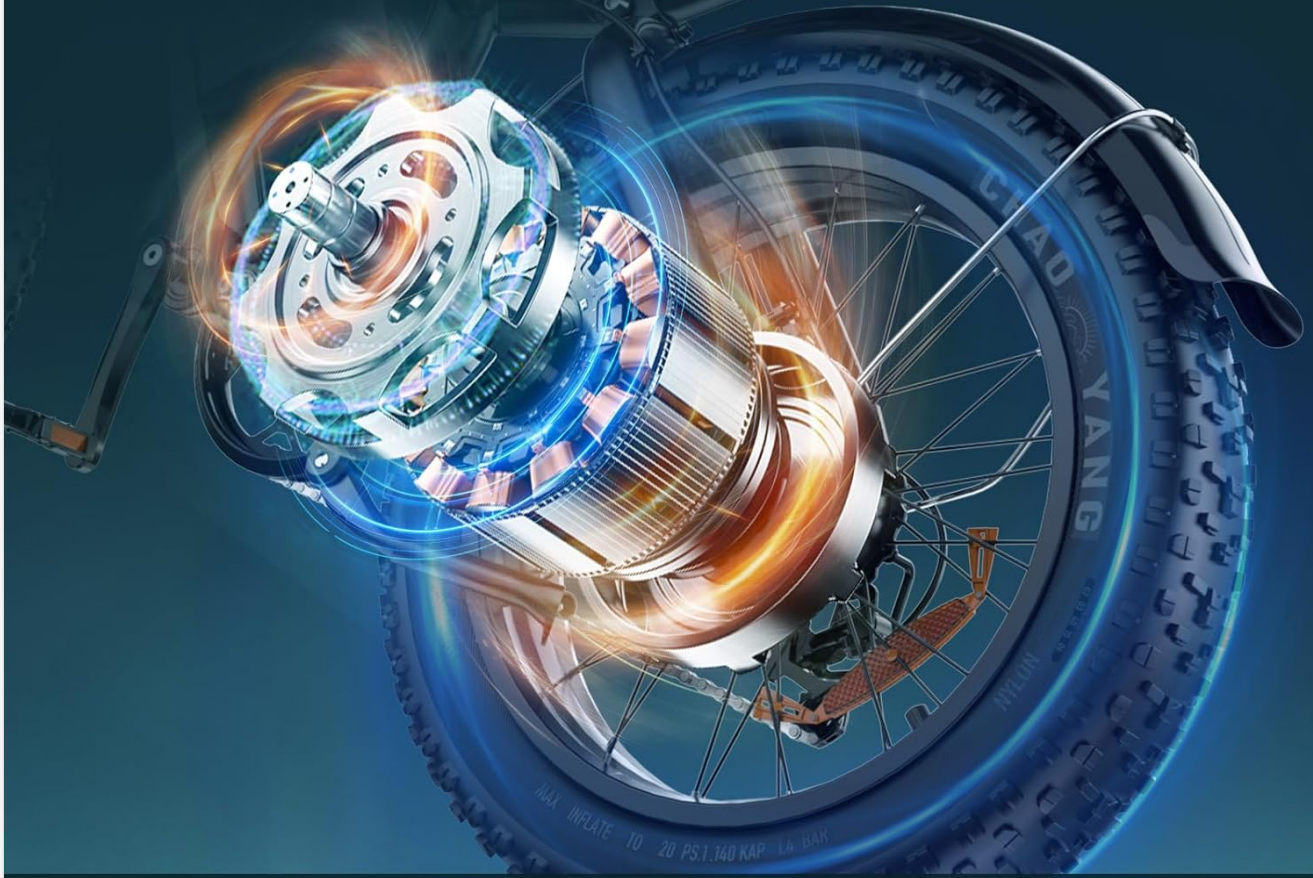
Image: Illustration of the internal wiring design, highlighting how wires are protected within the frame for a clean appearance and durability.

5. COMPONENTS OVERVIEW

- **Motor:** Equipped with a 750W brushless motor (peak 1500W) for strong torque and stable power, enabling speeds up to 28MPH in PAS mode.

Power up 25%

1500W (peak) Speed Motor



Peak
1500W motor



Speed >
10000rpm



Output
voltage 48V

Image: Detailed view of the powerful 750W (peak 1500W) motor, highlighting its integration with the rear wheel for efficient power delivery.

- **Battery:** Removable 48V 15Ah lithium battery, offering a range of up to 30 miles in throttle mode and 70 miles in assisted riding mode. UL2849 certified.

Large capacity battery

 32Mile
Throttle Mode

 75Mile
Assisted Riding Mode

HIKEEP ————— 3000 cycles
OTHER ————— 500 cycles

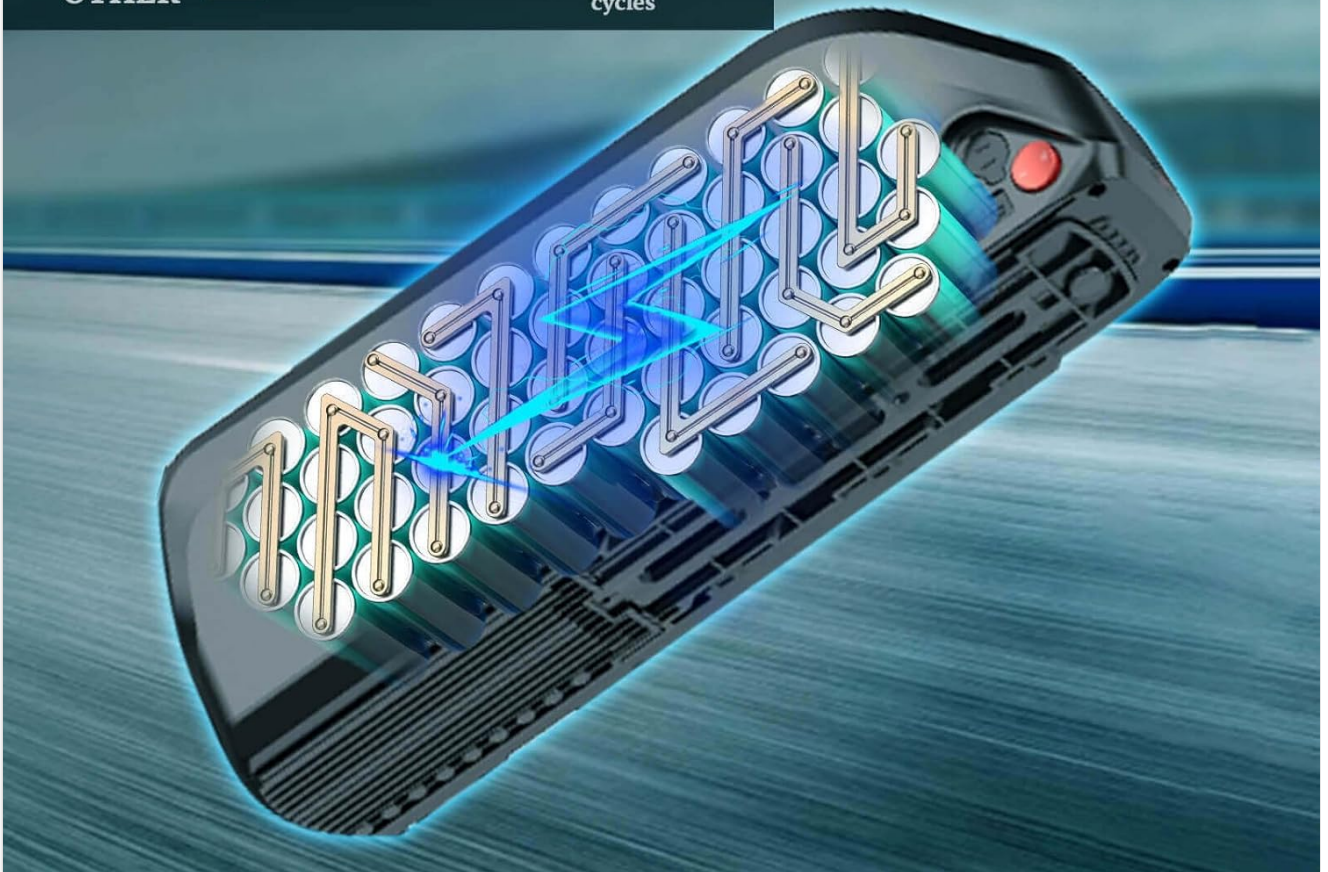


Image: An X-ray view of the 48V 15Ah battery pack, illustrating its internal cell arrangement and highlighting its large capacity for extended range.

- **Tires:** 20" x 4.0" fat tires provide exceptional traction and stability across various terrains.

20 Inch Fat Tire

Provides a smoother ride



Image: The 20-inch fat tire, demonstrating its versatility for riding on city streets, gravel paths, snow, and sand.

- **Display:** Smart LCD display for real-time monitoring of speed, battery level, mileage, and riding time.

Max speed 20 Mph



Image: The smart LCD display on the handlebars, showing various riding metrics such as current speed, total mileage (ODO), trip distance, and battery level.

- **Brakes:** Responsive dual mechanical disc brakes on both front and rear wheels for reliable stopping power.
- **Suspension:** Advanced dual suspension system with hydraulic front fork and rear shock absorber for a comfortable ride.

Tips for use

Before Riding

Please charge the battery for 4-5 hours before your first ride and make sure the battery power is connected.

During Riding

When riding, please don't use 3, 4 or 5 gears to start directly, you should use 1 gear to start, and then increase the gears in turn.

After riding

For safety, after riding on complicated roads for many times, please check whether the screws are loosened regularly.

Display usage

For the function keys of the display, please refer to the manual.

Warm Tips

After receiving the package, please take apart one of the battery key and the power key and keep them in case of loss, we don't have separate keys.



Image: An illustration detailing the bike's dual suspension system, including the front hydraulic fork and rear shock absorber, designed to absorb impacts and enhance riding comfort.

- **Gears:** 7-speed gear system for smooth and precise shifting.



Image: A detailed view of the 7-speed gear system, showing the chain, cassette, and derailleurs for efficient power transfer and varied riding conditions.

- **Lights:** Ultra-bright LED headlight and taillight with turn signals for enhanced visibility and safety.



Image: The bright LED headlight, designed to provide clear illumination for safe night riding, with an effective visible range of up to 25 meters.



Image: The rear taillight with integrated left and right turn signals, enhancing safety by clearly indicating rider intentions to others.

6. OPERATING INSTRUCTIONS

6.1 Riding Modes

The HiKeep electric bike offers four distinct riding modes:

- **Pure Electric Mode (Throttle Mode):** Engage the throttle for motor-only propulsion without pedaling.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal, with adjustable levels of assistance.
- **Cruise Mode:** Maintain a constant speed without continuous throttle input (refer to display manual for activation).
- **Manual Biking Mode:** Ride as a traditional bicycle without any motor assistance.

Simple riding Internal wiring design

The entire vehicle adopts an internal wiring design with a simple appearance, which protects the wires and avoids damage.



Image: An illustrative diagram showing the four distinct riding modes: Throttle Mode, Cruise Control Mode, Assisted Riding Mode, and Bike Mode, explaining how power is delivered in each.

6.2 Display Usage

The LCD display provides critical riding information. Refer to the specific display manual for detailed instructions on function keys and advanced settings. Key information displayed includes:

- Current Speed
- Battery Level Indicator
- Total Mileage (ODO)
- Trip Distance
- Riding Time
- Pedal Assist System (PAS) Level

6.3 Gear Shifting

The 7-speed gear system allows you to adjust your pedaling effort to different terrains and speeds. When starting, use a lower gear (1 or 2) and gradually increase gears as you gain speed. Avoid shifting multiple gears at once, especially under heavy load, to prevent damage to the drivetrain.

6.4 Braking

Apply both front and rear brakes simultaneously for effective and controlled stopping. Practice braking in a safe area to become familiar with the bike's stopping distance.

6.5 Headlight and Taillight Operation

The integrated LED headlight and taillight enhance visibility. Turn them on during low-light conditions or at night. The taillight also features turn signals; activate them to indicate your turning intentions to others.

7. BATTERY INFORMATION AND CHARGING

The 48V 15Ah detachable lithium battery provides reliable power. For optimal battery life, follow these guidelines:

- **First Charge:** Fully charge the battery for 4-5 hours before its initial use.
- **Regular Charging:** A full charge typically takes 5-7 hours. Use only the provided charger.
- **Storage:** If storing the bike for an extended period, charge the battery to 50-70% and recharge every 2-3 months.
- **Safety:** Do not expose the battery to extreme temperatures or direct sunlight. Do not attempt to disassemble the battery pack.

The battery is UL2849 certified, ensuring compliance with safety standards for electric bicycles.

8. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your HiKeep electric bike.

- **Tire Pressure:** Check tire pressure before each ride. Recommended pressure is typically indicated on the tire sidewall.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers are responsive. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth shifting and prevent wear.
- **Fasteners:** Periodically check all bolts and screws, especially after riding on rough terrain, and tighten any that are loose.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not connected, power key not inserted/turned.	Charge battery, ensure battery is properly seated and connected, insert and turn power key.

Problem	Possible Cause	Solution
Motor not assisting	PAS level too low, throttle not engaged, brake levers engaged, motor connection issue.	Increase PAS level on display, check throttle, ensure brake levers are fully released, check motor cable connection.
Short battery range	Under-inflated tires, frequent use of throttle mode, riding uphill frequently, cold weather.	Inflate tires to recommended pressure, use pedal-assist more, avoid aggressive acceleration, battery performance may decrease in cold.
Brakes squealing	Dirty brake pads/rotors, worn brake pads, misaligned caliper.	Clean pads/rotors with disc brake cleaner, replace worn pads, adjust caliper alignment.

10. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Model Name	K6-L
Color	BF-K6-L-A3-Black
Motor	750W (Peak 1500W) Brushless Motor
Battery	48V 15Ah Detachable Lithium Battery (UL2849 Certified)
Charging Time	5-7 Hours
Max Speed	28 MPH (PAS Mode)
Range (Throttle Mode)	Up to 30 Miles
Range (Pedal-Assist Mode)	Up to 70 Miles
Wheel Size	20 Inches (4.0 Inch Fat Tires)
Number of Speeds	7
Frame Material	Carbon Steel
Suspension Type	Dual (Hydraulic Front Fork, Rear Shock Absorber)
Brake Style	Disc (Front and Rear Mechanical)
Maximum Weight Recommendation	330 Pounds
Recommended User Height	5.5 - 6.5 Feet
Bike Weight	77 Pounds
Included Components	Horn, Kickstand, Pump, Riding Bag, Tool Kit



6.5FT
5.5FT



Recommended Height
5'5"-6'5"



Max Load
330LBS



Bike Weight
77LBS

A.Total length 65 in

B.Total height 43 in

C.Wheel base 42 in

D.Seat height 35 in

Image: A diagram illustrating the dimensions of the electric bike (total length, total height, wheelbase, seat height) along with recommended user height and maximum load capacity.

11. WARRANTY AND SUPPORT

Warranty: The HiKeep Electric Bike comes with a Limited 365 Days Warranty. This warranty covers parts or issues due to manufacturer defects. Accidental damage is not included.

Customer Support: For any questions, technical assistance, or warranty claims, please visit the official HiKeep Store or contact their customer service. You can find more information at the [HiKeep Store on Amazon](#).

