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› bluebiko F8P 2-Seater Electric Bike User Manual

## bluebiko F8P

# bluebiko F8P 2-Seater Electric Bike User Manual

Model: F8P

## 1. INTRODUCTION

Welcome to the bluebiko F8P 2-Seater Electric Bike user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Image 1.1: The bluebiko F8P 2-Seater Electric Bike, showcasing its design and features.

## 2. IMPORTANT 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 adult use. Ensure all components are securely fastened before each ride.

- Always perform a pre-ride inspection, checking brakes, tire pressure, and battery charge.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions or on excessively rough terrain if you are not experienced.
- The bike is equipped with front and rear disc brakes; familiarize yourself with their operation.

This product complies with UL 2849, UL 2271, and UL 1012 standards for electrical safety.

### 3. WHAT'S INCLUDED

Upon unpacking, please verify that all the following items are present:

- F8 Ebike (main unit)
- Battery key
- Tool kit
- Charger
- User Manual
- Foldable front basket
- Rear seat cushions and backrest



Image 3.1: Diagram illustrating the components included in the bluebiko F8P electric bike package.

### 4. ASSEMBLY INSTRUCTIONS

The bluebiko F8P electric bike arrives 95% pre-assembled. The remaining assembly typically takes about 15 minutes and involves installing the following components:

1. **Handlebars:** Securely attach the handlebars to the stem using the provided tools. Ensure they are aligned and tightened to prevent movement during riding.
2. **Front Wheel:** Install the front wheel, ensuring the disc brake rotor is correctly seated within the caliper. Tighten the axle nuts firmly.
3. **Lights:** Attach the front LED headlight and rear taillight. Connect any necessary wiring according to the instructions.
4. **Pedals:** Screw the pedals into the crank arms. Note that pedals are typically marked 'L' for left and 'R' for right, and the left pedal often has a reverse thread.

After assembly, double-check all bolts and quick-release levers to ensure they are properly tightened. Refer to the included tool kit for necessary wrenches and hex keys.

### 5. OPERATING YOUR BLUEBIKO F8P

## 5.1. Battery Operation and Charging

The bluebiko F8P is equipped with a 48V 20AH (960WH) large capacity removable lithium battery. This battery provides an estimated cruising range of 50-80 miles in Pedal Assist System (PAS) mode.

- **Removal:** The battery can be easily removed for indoor charging or security. Use the provided key to unlock and detach the battery.
- **Charging:** Connect the charger to the battery and then to a standard power outlet. A full charge typically takes 6-7 hours. Do not overcharge the battery.
- **Care:** Store the battery in a cool, dry place. Avoid extreme temperatures.

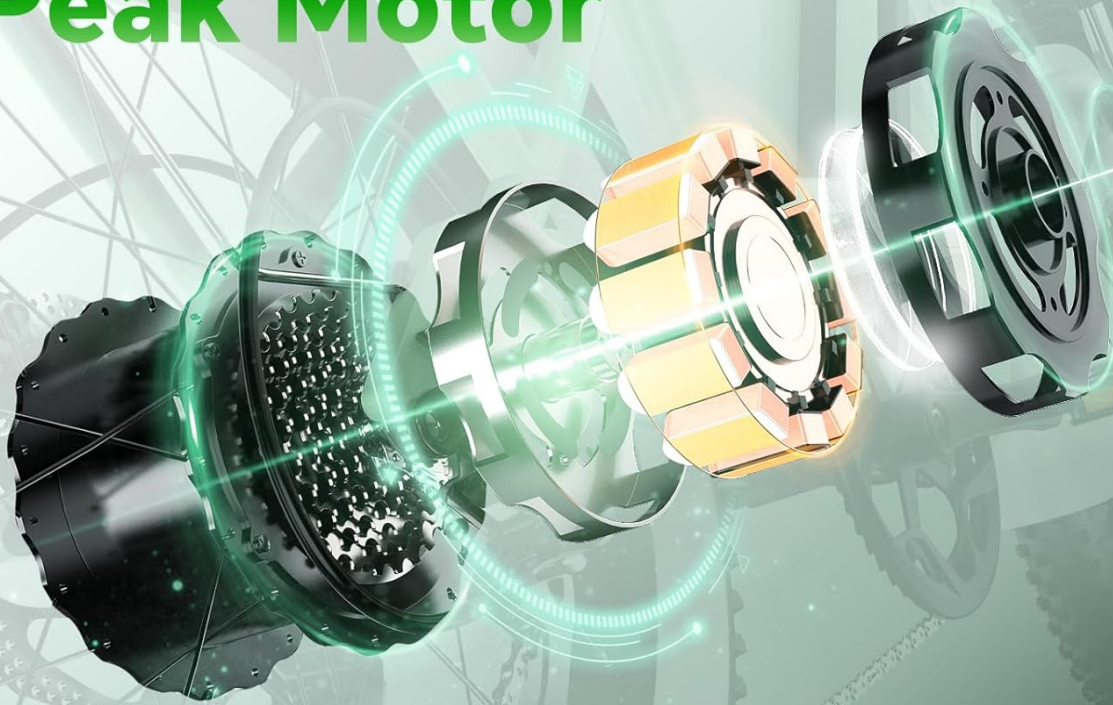


Image 5.1: The 48V 20AH water-resistant battery, illustrating its charging process and capacity.

## 5.2. Motor and Performance

The electric bike features a 1000W peak brushless motor, offering robust performance for various terrains. It can achieve a maximum speed of 30 MPH in pure electric mode and easily climb slopes up to 30 degrees.

# 1300W Peak Motor



**30 MPH**

Top Speed



**30%**

Uphill Climbing



**7-SPEED**

Shift

Image 5.2: Diagram of the 1000W peak motor, highlighting its power, speed, and climbing capabilities.

Recommended Heights:

**5' 2" - 6' 5"**



Max Load:

**400 lbs**



Image 5.3: Illustration of the bike's ability to handle steep inclines, demonstrating its higher torque and power output.

### 5.3. Riding Modes and Display

The bike is equipped with a multi-function color LCD display and offers 3 riding modes:

- **Pedal Assist System (PAS):** Provides motor assistance as you pedal.
- **Throttle Mode:** Allows for electric propulsion without pedaling.
- **Normal Bike Mode:** Ride as a traditional bicycle without electric assistance.

The LCD display shows speed, battery level, riding mode, and other essential information. Refer to the display's specific manual for detailed navigation.



Image 5.4: Close-up of the 7-speed gear shifter and the smart LCD display on the handlebars.

### 5.4. Gear System

A 7-speed gearbox allows for efficient pedaling across various terrains and speeds. Use the twist grip shifter on the handlebars to change gears smoothly.

### 5.5. Lighting System

The bike includes a front LED headlight and a rear taillight for enhanced visibility and safety, especially during night riding.

- **Activating Lights:** Press and hold the '~' button on the control panel for 3 seconds to turn on both the LED headlight and taillight.



Image 5.5: Illustration of the bike's lighting system, showing how to activate the front LED headlight and rear taillight for safe night riding.

## 5.6. Braking System

The bluebiko F8P is equipped with front and rear 180mm aluminum alloy disc brakes, providing reliable stopping power in various conditions.

# Quick Response



**Front Disc Brakes**



**Rear Disc Brakes**

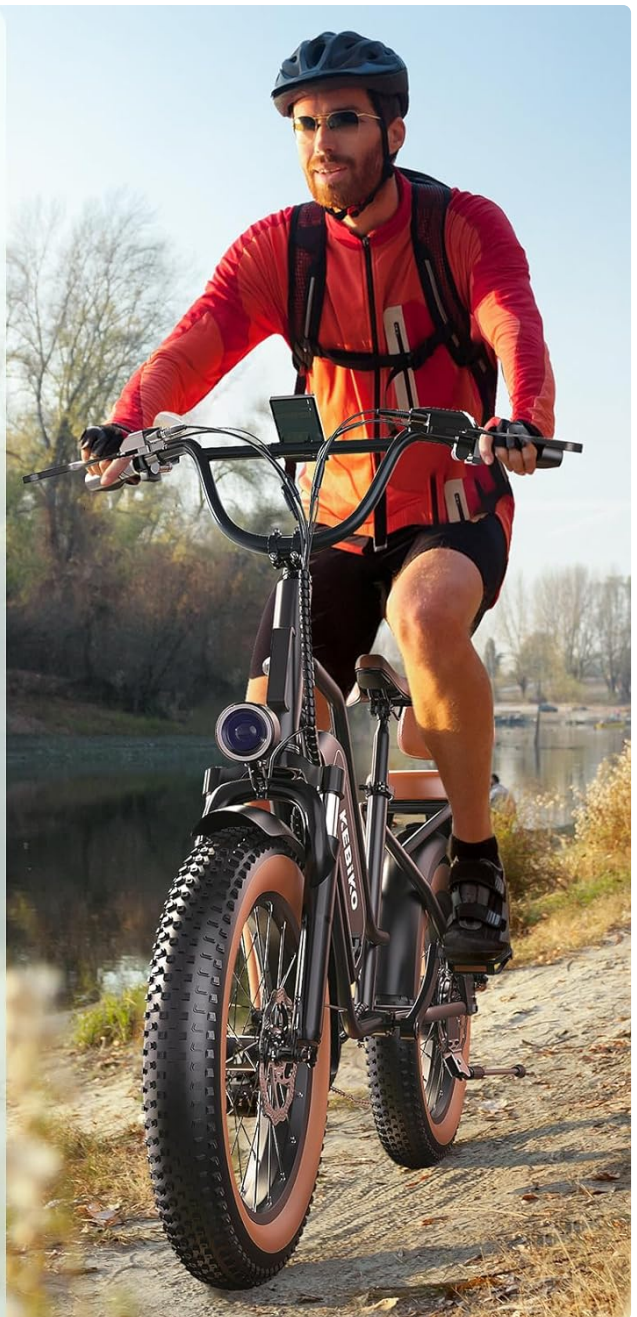


Image 5.6: Detailed view of the front and rear disc brakes, emphasizing their quick response and effectiveness.

## WHAT'S IN THE BOX



F8 Ebike



Battery key



Tool kit



Charger



Manual



Foldable front basket



Rear seat cushions and backrest



Image 5.7: Diagram highlighting the 180mm mechanical disc brake system, designed for faster braking and shorter stopping distances.

## 5.7. Suspension and Tires

The bike features a front suspension system to absorb shocks and bumps, providing a smoother ride. It is fitted with 20" x 4.0" puncture-proof fat tires, which increase contact with the ground for enhanced grip and stability across various terrains.



Image 5.8: Diagram illustrating the front suspension system, designed to conquer rough terrain by absorbing shocks.



Image 5.9: The 20"x4" fat tires shown on different terrains, emphasizing their enhanced grip and stability.

## 5.8. Customization and Comfort

The F8P is designed for personalized riding. It includes a rear seat and seat cushion, and a foldable front basket. Additional accessories like other baskets or child seats can be purchased to customize your bike further.

# Customized Comfort



**5'2" ~ 6'5"**

Recommended Height



**400LBS**

Max Load



**ADJUSTABLE SEAT  
& HANDLEBAR**

Image 5.10: The bluebiko F8P highlighting its customized comfort features, including adjustable seat and handlebar, and recommended rider height and max load.

## PICK YOUR F8 EBIKE

Safety and high quality



Recommended Height:  
**5'2"-6'5"**



Max Load:  
**400 LBS**

Pink



Black



Green



Image 5.11: Options for customizing the rear of the ebike, including a dual-seat design with backrest and cushion, or a basket for storage.



Image 5.12: Options for customizing the front of the ebike, showing various front baskets compatible with the built-in mounting slots.

## 6. MAINTENANCE GUIDELINES

Regular maintenance ensures the longevity and safe operation of your bluebiko F8P electric bike.

- **Cleaning:** Clean your bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brakes:** Inspect brake pads and rotors for wear. Adjust brake levers for comfortable and effective stopping.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **Battery:** Charge the battery regularly, even if not in use, to maintain its health. Avoid fully discharging the battery.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release mechanisms for tightness.

## 7. TROUBLESHOOTING COMMON ISSUES

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

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, power cable loose	Charge battery, ensure battery is fully inserted and locked, check all cable connections.
Motor not assisting	PAS level set to zero, throttle not engaged, brake levers engaged	Increase PAS level on display, ensure throttle is fully twisted, check if brake levers are fully released.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable)	Inspect and replace brake pads, adjust brake cable tension, consult a bike mechanic for hydraulic brake issues.

Problem	Possible Cause	Solution
Unusual noises during riding	Loose components, dry chain, rubbing brakes	Check all fasteners, lubricate chain, adjust brake calipers.

## 8. PRODUCT SPECIFICATIONS

Feature	Specification
Bike Type	Commuting Bike
Age Range	Adult
Brand	bluebiko
Model Name	F8P
Number of Speeds	7
Color	Black (Classic Style)
Wheel Size	20 Inches
Frame Material	High Carbon Steel
Suspension Type	Front
Special Features	Adjustable Seat, Dual Disc Brake, Foldable Front Basket, Rear Seat and Backrest
Brake Style	Disc
Power Source	Electric motor (rechargeable battery)
Wheel Material	Aluminum
Lithium Battery Energy Content	960 Watt Hours (48V 20AH)
Battery Life (Estimated Range)	80+ Miles (PAS mode)
Motor Peak Power	1000W
Max Speed	30+ MPH
Max Load	400 lbs
Recommended Height	5'2" - 6'5"

Feature	Specification
Assembly Required	No (95% pre-assembled)
Electric Assist Type	Throttle-on-demand

## 8.1. Dimensions

- **Total Length:** 64"
- **Handlebar Height:** 45"
- **Rear Rack Height:** 26"
- **Seat Height:** 32"~40"
- **Reach:** 15.7"
- **Standover Height:** 17.3"
- **Handlebar Length:** 27.5"
- **Passenger Seat Length:** 16"

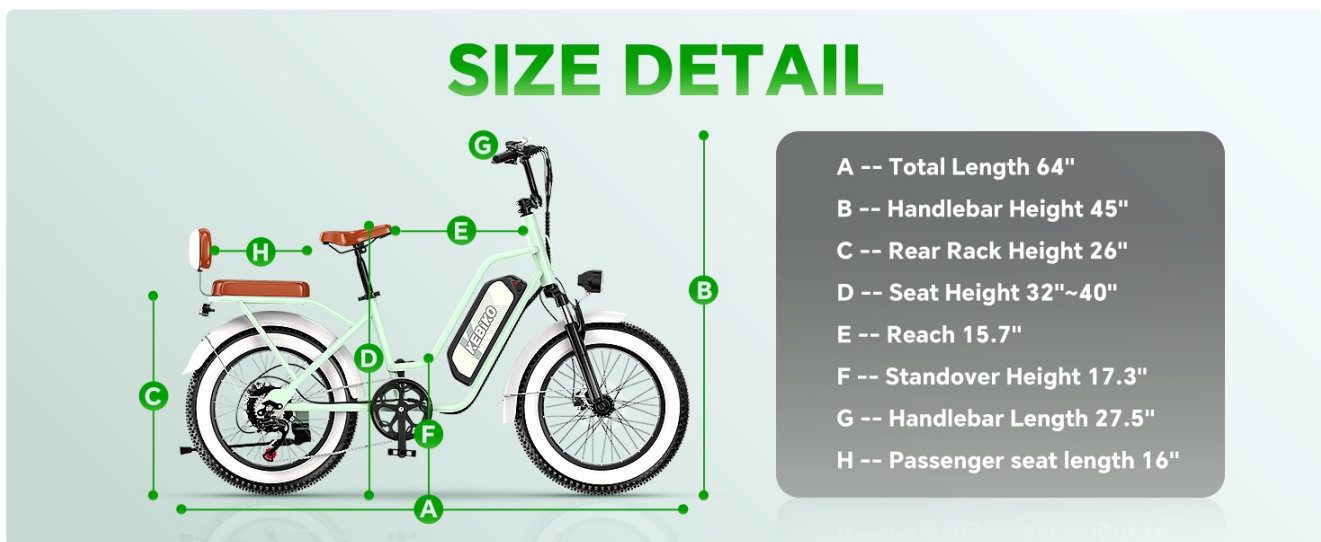


Image 8.1: Detailed diagram showing the dimensions of the bluebiko F8P electric bike.

## 9. WARRANTY AND CUSTOMER SUPPORT

bluebiko is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your bluebiko F8P electric bike comes with a 365-day (1-year) limited warranty. Please retain your packaging for a period after purchase.
- **Support:** For any questions, concerns, or assistance with your electric bike, please contact bluebiko customer service.



Image 9.1: bluebiko customer service team, emphasizing perfect after-sale service and warranty.