

[Manuals.plus](#) /

› [eECO-FLYING](#) /

› eECO-FLYING Electric Bikes for Adults, 29inch Fat Tire Electric Mountain Bicycle, 500w 48v Hidden in The Frame Removable Battery E Bike Black+Red logo

eECO-FLYING B0BHKT5S1Z

eECO-FLYING Electric Mountain Bicycle User Manual

Model: B0BHKT5S1Z | Brand: eECO-FLYING

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your eECO-FLYING Electric Mountain Bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1.1: eECO-FLYING Electric Mountain Bicycle (Black+Red logo)

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. Perform a pre-ride inspection before each use.

- Ensure tires are properly inflated.
- Check brake functionality (Dual hydraulic disc brakes).
- Verify battery is securely locked and charged.
- Confirm all quick releases and bolts are tightened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and road conditions.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your electric bicycle:

- **Frame:** Full aluminum alloy frame, designed for durability and a load capacity of 400lbs.
- **Motor:** 500W brushless rear hub-motor, providing powerful assistance up to 30 KM/h.
- **Battery:** Hidden, removable 48V 10Ah lithium battery, offering a range of 45+ KM per charge.
- **Wheels:** 29-inch one-integrated wheels with 2.1 Kenda Fat tires, suitable for various terrains.
- **Suspension:** Lockable, shock-absorbing front fork for a smooth riding experience.
- **Brakes:** Dual hydraulic disc brakes for reliable stopping power.
- **Display:** Smart LCD display with USB connector for speed and other ride information.
- **Drivetrain:** Shimano 7-speed drivetrain for accurate and smooth shifting.

Dedicated LCD meter

Power data and more

Apply independent control technology and waterproof LCD display, with all data set in dashboard, precise display and easy viewing.



Figure 3.1: Dedicated LCD Meter

DIMENSION



Figure 3.2: Front Suspension Fork

29 inch one-integrated wheels

Magnesium alloy material

larger than ordinary tires, have strong grip performance,
and can be used in all kinds of weather



Figure 3.3: 29-inch Integrated Wheels



Figure 3.4: 500W High Speed Motor Diagram

4. SETUP AND ASSEMBLY

Your e-bike arrives 85% pre-assembled. Follow these steps to complete the assembly:

1. **Unpacking:** Carefully remove the bicycle and all components from the packaging.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely.
3. **Front Wheel Attachment:** Install the front wheel, aligning the disc brake rotor with the caliper.
4. **Pedal Installation:** Identify left (L) and right (R) pedals. Thread them into the crank arms (left pedal is reverse-threaded).
5. **Seat Post Adjustment:** Insert the seat post and adjust the seat height for comfortable riding, ensuring the minimum insertion mark is not visible.
6. **Battery Charging:** Fully charge the battery before your first ride. The hidden removable battery can be charged on

or off the bike.

Show Details



Digital Display



Suspension



Oil Brake



Removable battery

Figure 4.1: Key Details including Removable Battery

5. OPERATING INSTRUCTIONS

Your eECO-FLYING Electric Mountain Bicycle offers versatile riding modes:

- **Power On/Off:** Press and hold the power button on the LCD display to turn the system on or off.
- **Pedal Assistance Mode:** The motor provides assistance as you pedal. Adjust the assistance level via the LCD display.
- **Pure Cycling Mode:** Ride the bicycle like a traditional bike with no motor assistance.
- **Electric Mode:** Use the throttle for full electric power without pedaling.

The smart LCD display provides real-time information such as speed, battery level, and riding mode. Use the controls near the handlebar to navigate the display and adjust settings.

Your browser does not support the video tag.

Video 5.1: Product in use, demonstrating riding capabilities.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your e-bike:

- **Battery Care:** Charge the battery regularly, even when not in use, to prolong its lifespan. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Ensure brake levers are responsive.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **General Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Checks:** Periodically check all bolts and fasteners for tightness.

7. TROUBLESHOOTING

Here are solutions for common issues:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated; loose connection.	Charge battery fully. Ensure battery is securely locked in place. Check all cable connections.
Motor not assisting	Low battery; assistance level set to zero; brake lever sensor engaged.	Recharge battery. Increase assistance level on display. Check if brake levers are fully released.
Brakes feel weak	Worn brake pads; air in hydraulic line; misaligned caliper.	Inspect and replace brake pads if worn. Consult a professional for hydraulic system bleeding or caliper alignment.

8. SPECIFICATIONS

Feature	Specification
Bike Type	Mountain Bike
Age Range	Adult
Brand	eECO-FLYING
Number of Speeds	7

Feature	Specification
Color	Black+Red logo
Wheel Size	29 Inches
Frame Material	Aluminum
Suspension Type	Rear, Front, Dual
Special Feature	Digital Display
Included Components	E Bike Accessory Kit, Electric Bike, Charger
Brake Style	Disc
Power Source	Battery
Wattage	500W
Maximum Weight Recommendation	400 Pounds
Assembly Required	Yes (85% pre-assembled)

9. WARRANTY AND SUPPORT

eECO-FLYING provides a one-year service warranty for the electric motor, battery, LCD display, and controller. For any questions, technical assistance, or warranty claims, please contact the seller or manufacturer directly through your purchase platform.

© 2023 eECO-FLYING. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question