

EUYBIKE F6

EUYBIKE F6 Foldable Electric Bike Instruction Manual

Model: F6
Brand: EUYBIKE

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your EUYBIKE F6 Foldable Electric Bike. Please read it thoroughly before your first ride and keep it for future reference. Adhering to these instructions will ensure your safety and prolong the lifespan of your electric bike.

Safety First: Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations. Perform a pre-ride safety check before each use.

2. PRODUCT OVERVIEW

Key Features

- **Powerful Motor:** Equipped with a 750W (Peak 1000W) brushless motor, capable of speeds up to 30+ MPH.
- **Long-Range Battery:** Features a 48V 20Ah high-capacity removable lithium battery, offering up to 50 miles in electric mode and 80 miles in pedal-assist mode.
- **Superior Suspension & Braking:** Front suspension fork and dual-disc brake system for a comfortable and safe ride.
- **All-Terrain Capability:** 20" x 3.0" puncture-resistant fat tires suitable for various terrains including beach, mountain, snow, and city streets.
- **Foldable Design:** Easily folds for convenient storage and transport, ideal for commuting or travel.
- **Multiple Riding Modes:** Offers pure electric, pedal-assist, and normal bicycle modes.
- **User-Friendly Design:** Adjustable seat and handlebar heights, digital display, and USB charging port.

Components

The EUYBIKE F6 comes partially assembled. Below is an overview of the main components and what's included in the box.



Figure 2.1: Full view of the EUYBIKE F6 Foldable Electric Bike.



15S FOLDING STEP QUICKLY

Easy to carry or store, save your time and space, perfect for commute or travel



Figure 2.2: Contents of the EUYBIKE F6 package, including the partially assembled bike, front wheel, fenders, battery, headlight, saddle, kickstand, pedals, charger, keys, user manual, and tool kit.

3. SETUP AND ASSEMBLY

Your EUYBIKE F6 is 90% pre-assembled. Follow these steps to complete the assembly.

Unboxing and Initial Setup

Carefully remove the bike and all components from the packaging. Ensure all parts listed in Figure 2.2 are present.

Video 3.1: This video demonstrates the unboxing and initial assembly steps for the EUYBIKE F6B electric bike.

Handlebar Installation

Insert the handlebar stem into the fork tube and secure it using the quick-release lever. Ensure the handlebars are aligned with the front wheel. Tighten the top screw with the provided tool to prevent accidents during riding.

20" Fat Tires Suspension and Puncture-resistant



Snow Road



Beach Road



Flat Road



Gravel Road



Figure 3.1: Close-up of the handlebar with the LCD display, showing controls for speed, battery, and pedal assist.

Front Wheel and Fender Installation

Attach the front fender to the fork using the provided screws. Then, carefully align the front wheel with the fork dropouts, ensuring the brake rotor is correctly positioned within the caliper. Secure the wheel with the axle nuts.



Figure 3.2: Close-up of the 20-inch fat tire and front disc brake.

Pedal Installation

Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms by hand, then tighten securely with a wrench. Note that the left pedal threads counter-clockwise.



Figure 3.3: Close-up of the pedal and chainring assembly.

Seat and Battery Installation

Insert the seat post into the frame and adjust to your preferred height. Secure with the quick-release clamp. The battery slides into the frame and locks with a key for security.

COLOURFUL LCD Display

Easy to track your rides in day and night



Figure 3.4: View of the removable 48V 20Ah battery integrated into the frame, below the adjustable seat post.

4. OPERATING INSTRUCTIONS

Powering On/Off

To power on the bike, insert the key into the battery lock and turn it to the 'ON' position. Then, press and hold the power button on the LCD display. To power off, reverse the process.

Riding Modes

The EUYBIKE F6 offers three primary riding modes:

- **Pure Electric Mode:** Engage the throttle for motor-only propulsion.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the assist level via the LCD display.
- **Normal Bicycle Mode:** Ride the bike like a traditional bicycle without motor assistance.

3+1 Working Modes for All Conditions



Figure 4.1: Graphic illustrating the three riding modes: Pedal only, Throttle Mode, Pedal Assist Mode, and Walk Assist Mode.

LCD Display Functions

The integrated LCD display provides real-time riding data and allows you to control various settings. It typically shows speed, battery level, trip mileage, and pedal-assist level. It also includes a USB charging port for your devices.

Video 4.1: This video provides a detailed overview of the EUYBIKE F6 electric bike's LCD display, explaining its various functions and indicators.

Video 4.2: A quick demonstration of the EUYBIKE F6 electric bike's display features.

Video 4.3: This video showcases the display features of the EUYBIKE F6B electric bike.

Video 4.4: A brief video demonstrating the display of the EUYBIKE F6-F model.

5. BATTERY INFORMATION

Charging the Battery

The 48V 20Ah lithium battery can be charged while installed on the bike or removed. Connect the charger to

the charging port on the battery and then to a standard wall outlet. The indicator light on the charger will show the charging status (red for charging, green for fully charged). Charging typically takes 5-6 hours.



Tire size:
20" X 3.0"



Recommended Height:
5'3"-7'2"



Ebike Weight:
63lbs



Maximum Load Capacity:
330lbs

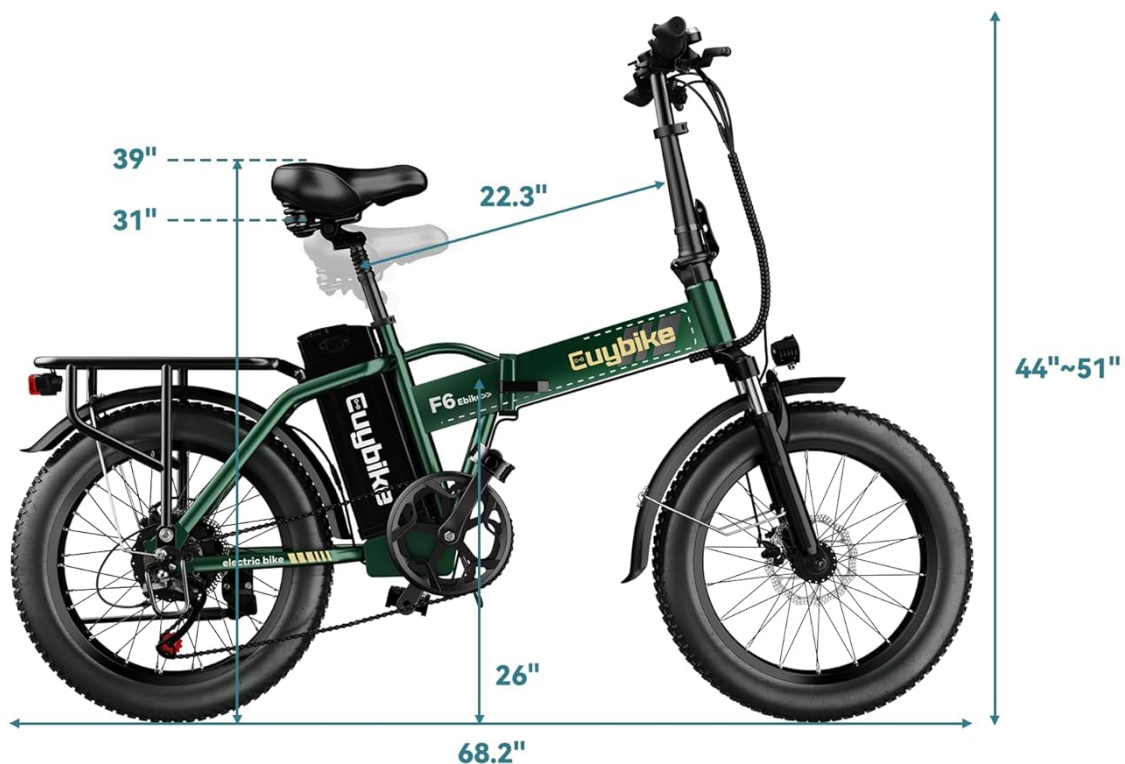
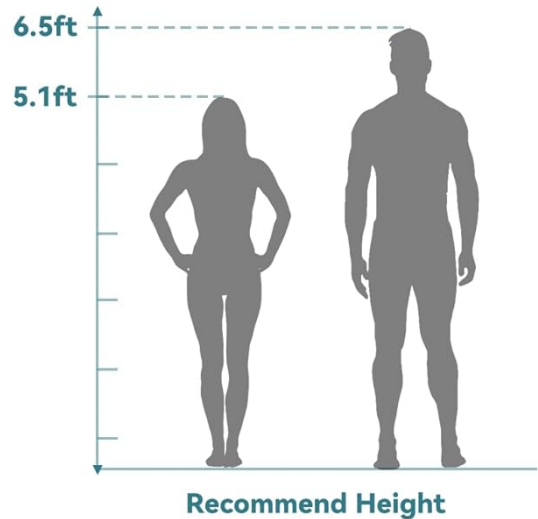


Figure 5.1: Image showing the removable battery and options for charging it on or off the bike.

Battery Removal and Installation

To remove the battery, unlock it with the key and pull it upwards using the integrated handle. To reinstall, align the battery with the frame slot and push down until it clicks into place, then lock it with the key.

6. MAINTENANCE

Regular maintenance ensures optimal performance and safety for your EUYBIKE F6.

General Care

- Keep the bike clean, especially after riding in wet or muddy conditions. Use a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.
- Store the bike in a dry, cool place, away from direct sunlight and extreme temperatures.

Tire Pressure

Check tire pressure regularly. The recommended pressure for the 20" x 3.0" fat tires is typically between 20-30 PSI, but always refer to the sidewall of your tires for the exact range.

Brake Adjustment

Inspect brake pads and rotors for wear. Adjust brake levers for comfortable and effective stopping power. If you notice any grinding or reduced braking performance, consult a professional.

Chain Lubrication

Lubricate the chain every 100-150 miles or after riding in wet conditions. Use a bicycle-specific chain lubricant.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your EUYBIKE F6.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed; power button not pressed correctly.	Ensure battery is charged and locked in place. Press and hold the power button on the display.
Motor not assisting	Pedal-assist level set to 0; brake levers engaged; loose motor cable connection.	Increase PAS level on display. Release brake levers. Check motor cable connections.
Short battery range	Low tire pressure; riding in high assist modes; frequent stops/starts; cold weather.	Check and inflate tires to recommended PSI. Use lower assist modes. Plan routes to minimize frequent braking.
Brakes squeak or feel weak	Contaminated brake pads/rotors; worn brake pads; loose caliper.	Clean rotors with isopropyl alcohol. Inspect pads for wear and replace if necessary. Tighten caliper bolts. Consult a professional if issues persist.

8. SPECIFICATIONS

Detailed technical specifications for the EUYBIKE F6 electric bike.

Specification	Value
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	EUYBIKE
Number of Speeds	7
Color	Green
Wheel Size	20 Inches

Specification	Value
Frame Material	High Carbon Steel
Suspension Type	Front
Special Feature	Adjustable Handlebars, Digital Display, Dual Disc Brake, Foldable, Multi-Speed
Included Components	Safety Seat, Tool Kit
Brake Style	Disc
Wheel Width	3 Inches
Model Name	Adult Foldable Electric Bike
Power Source	Electric motor
Lithium Battery Energy Content	864 Milliampere Hour (mAh)
Electric Assist Type	Pedalec
Frame Type	Folding



Figure 8.1: Close-up of the 20-inch fat tires, highlighting their all-terrain capability.



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Figure 8.2: Diagram showing the dimensions, weight (63 lbs), maximum load capacity (330 lbs), and recommended rider height (5'3"-7'2") for the EUYBIKE F6.

9. FOLDING INSTRUCTIONS

The EUYBIKE F6 features a convenient folding design for easy storage and transport.

Folding the Bike

1. Lower the seat post to its lowest position.
2. Unlock the handlebar stem folding mechanism and fold the handlebars down.
3. Unlock the main frame folding latch and fold the bike in half.
4. Secure the folded bike with any integrated latches or straps.



Figure 9.1: The EUYBIKE F6 folded and stored in a car trunk, demonstrating its portability.

Unfolding the Bike

Reverse the folding steps. Ensure all quick-release levers and latches are securely fastened before riding.

10. WARRANTY AND SUPPORT

Warranty Information

EUYBIKE provides a 12-month service warranty for the motor, battery, and controller. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use conditions.

Contact Support

For any inquiries, technical support, or warranty claims, please contact EUYBIKE customer service through the retailer where you purchased the bike or visit the official EUYBIKE website for contact information.