

## 14-inch Folding Electric Bike

# Generic 14-inch Folding Electric Bike User Manual

Model: 14-inch Folding Electric Bike

## 1. INTRODUCTION

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This manual provides essential information for the safe operation, assembly, and maintenance of your Generic 14-inch Folding Electric Bike. Please read it thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike.



Image 1.1: The Generic 14-inch Folding Electric Bike in its unfolded state.

## 2. SAFETY INFORMATION

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Your safety is paramount. Always adhere to the following guidelines:

- **Wear a Helmet:** Always wear an approved bicycle helmet when riding.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations regarding electric bicycles.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, battery, and all quick-release mechanisms to ensure they are secure and functioning correctly.
- **Visibility:** Use the integrated headlight and taillight, especially during low-light conditions. Consider wearing reflective clothing.
- **Weather Conditions:** Exercise caution when riding in wet conditions, as braking distance may increase. Avoid riding in severe weather.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 pounds (150 kg).
- **Age Range:** This electric bike is designed for adult use.

### 3. PACKAGE CONTENTS

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

- Generic 14-inch Folding Electric Bike (pre-assembled)
- Removable 48V12AH Lithium-ion Battery (pre-installed or separate)
- Battery Charger
- Basic Tools for minor adjustments
- Pedals
- Kickstand (pre-installed)
- User Manual (this document)

### 4. SETUP AND INITIAL ASSEMBLY

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Your electric bike comes largely pre-assembled. Follow these steps for initial setup:

1. **Unfolding the Bike:** Carefully unfold the frame and secure all locking mechanisms. Ensure the handlebars and seat post are correctly aligned and locked into position.
2. **Install Pedals:** Identify the left (L) and right (R) pedals. Thread them into the crank arms by hand, then tighten securely with a wrench from the basic tools kit. Note that the left pedal tightens counter-clockwise.
3. **Adjust Seat and Handlebars:** Adjust the seat height and handlebar height to a comfortable riding position. Ensure the quick-release levers are firmly closed after adjustment.
4. **Battery Installation/Check:** If the battery is separate, slide it into its compartment and ensure it clicks securely into place. If pre-installed, verify it is locked.
5. **Initial Charge:** Fully charge the battery before your first ride. Refer to the 'Battery Charging' section for details.

# PORTABLE FOLDABLE DESIGN

Space saving for on-the-go



Image 4.1: The bike's portable folding design allows for easy storage and transport.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Battery Charging

The 48V12AH removable lithium-ion battery provides an impressive range of up to 35 miles (pure electric) or 40 miles (pedal-assist). Charging typically takes 3-4 hours.

- **Removal:** Unlock the battery with the provided key and slide it out for convenient off-bike charging.
- **Charging:** Connect the charger to the battery's charging port, then plug the charger into a standard wall outlet. The indicator light on the charger will show charging status (usually red for charging, green for fully charged).
- **Safety:** Do not overcharge the battery. Disconnect the charger once charging is complete.

# 48V12AH

## Detachable battery



**3-4HOUR**  
Charging Time



**35MILES**  
Long range



Image 5.1: The removable 48V12AH battery, highlighting its charging port and capacity.

## 5.2 Riding Modes

Your e-bike offers three distinct riding modes:

- **Pure Electric Mode:** Engage the throttle for motor-only propulsion. Ideal for effortless cruising.
- **Pedal-Assist System (PAS) Mode:** The motor provides assistance as you pedal, extending your range and making climbs easier.
- **Classic Ride Mode:** Ride as a traditional bicycle with no motor assistance.

# Green cycling Go out environmentally friendly

## A small electric folding bicycle for your convenience



Image 5.2: Visual representation of the three available riding modes and their approximate ranges.

### 5.3 Controls and Display

The handlebars feature an intelligent display and controls for easy operation:

- **Power Button:** Turn the e-bike on/off.
- **Throttle:** Located on the handlebar for pure electric mode.
- **Mode Selection:** Cycle through pedal-assist levels or riding modes.
- **Headlight Control:** Activate the LED headlight for night riding.
- **Intelligent Display:** Shows speed, battery level, and riding mode.



Image 5.3: Close-up of the LED headlight, intelligent display, and battery removal mechanism.

## 5.4 Braking System

The e-bike is equipped with front and rear disc brakes for reliable stopping power.

- **Operation:** Squeeze the brake levers on the handlebars to engage the disc brakes.
- **Maintenance:** Regularly check brake pads for wear and ensure cables are properly tensioned.

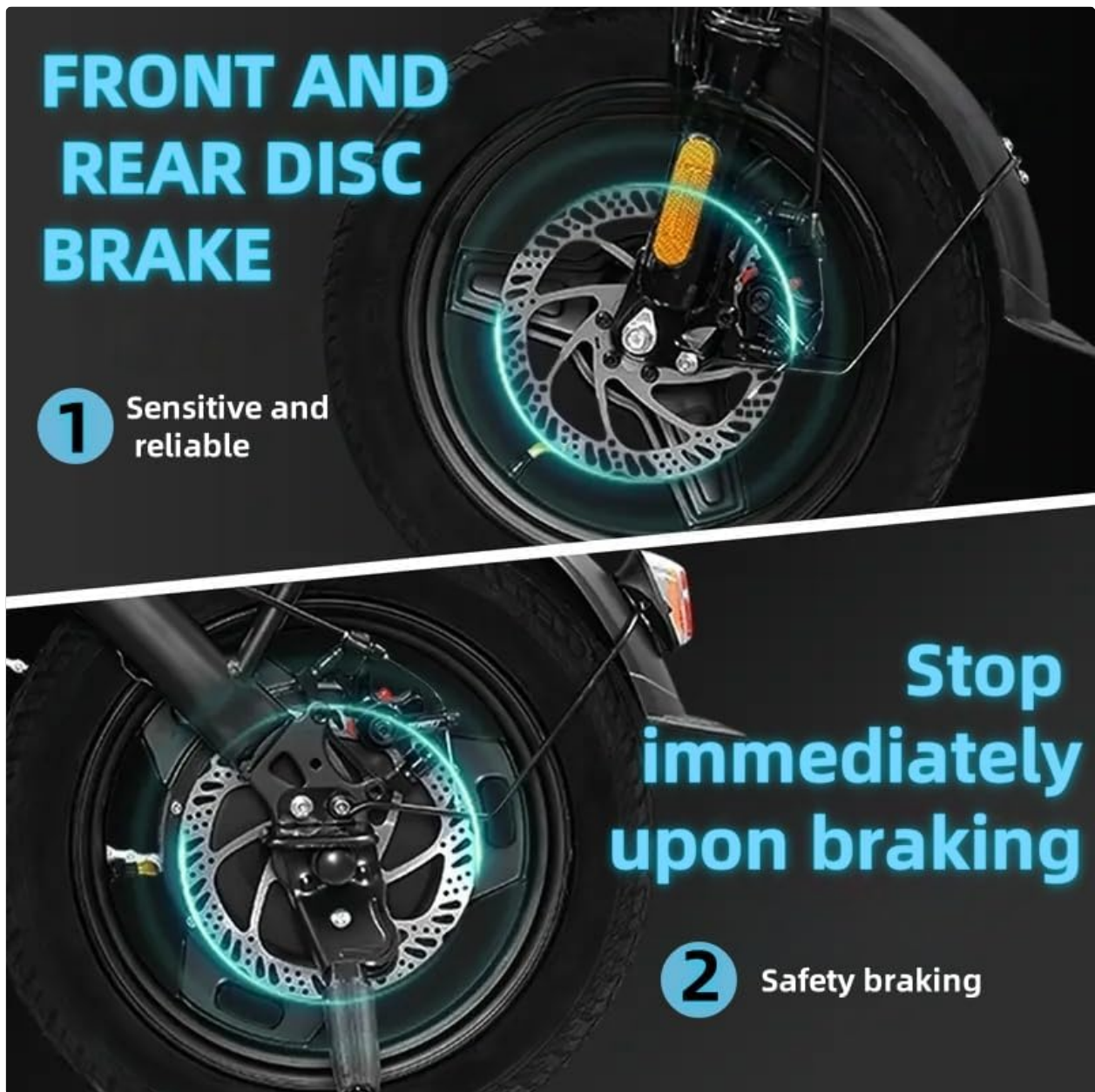


Image 5.4: Detailed view of the front and rear disc brake system, emphasizing reliable stopping.

## 6. MAINTENANCE

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

- **Tires:** Check tire pressure before each ride. Recommended pressure is usually indicated on the tire sidewall.
- **Brakes:** Inspect brake pads for wear and replace as needed. Ensure brake levers are responsive and cables are not frayed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth pedaling.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers for tightness.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every few months.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

## 7. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed.	Ensure battery is fully charged and securely locked in place. Check power button.
Motor not assisting/engaging	Low battery, PAS level too low, or throttle issue.	Charge battery. Increase PAS level on display. Check throttle connection.
Reduced range	Under-inflated tires, heavy load, frequent hills, or cold weather.	Ensure tires are properly inflated. Reduce load. Use pedal-assist more often.
Brakes feel weak	Worn brake pads, loose cables, or contaminated rotors.	Inspect and replace brake pads. Adjust cable tension. Clean rotors with disc brake cleaner.

If you encounter issues not listed here or require further assistance, please contact customer support.

## 8. SPECIFICATIONS

Key technical details of your Generic 14-inch Folding Electric Bike:

Feature	Detail
Brand	Generic
Model Name	electric bicycle for adult
Motor	500W Brushless Motor
Battery	48V12AH Removable Lithium-ion
Max Speed	23 MPH (37 km/h)
Range (Pure Electric)	Up to 28 Miles
Range (Pedal-Assist)	Up to 35 Miles
Charging Time	3-4 Hours
Wheel Size	14 Inches
Frame Material	Aluminum
Brake Style	Dual Disc Brake
Suspension Type	Front
Max Load Weight	330 Pounds (150 kg)

Feature	Detail
Item Weight	60 Pounds (27.2 kg)
Special Features	Adjustable Handlebars, Adjustable Seat, Foldable, Headlight, Pedal Assist, Phone Holder



Image 8.1: Key dimensions and weight specifications of the electric bike.

## 9. WARRANTY AND SUPPORT

Your Generic 14-inch Folding Electric Bike comes with a **180-day limited warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage due to misuse, accidents, normal wear and tear, or unauthorized modifications.

For warranty claims, technical support, or any questions regarding your e-bike, please contact the seller, EcoGlide, directly through your purchase platform. Please have your purchase details and model information ready when contacting support.

