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## HLOIE FZG140

# HLOIE FZG140 Folding Electric Bike User Manual

Model: FZG140

## 1. INTRODUCTION

Thank you for choosing the HLOIE FZG140 Folding Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your electric bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

The HLOIE FZG140 is a compact and versatile electric bike designed for urban commuting and recreational use. It features a powerful motor, a long-lasting battery, and a convenient folding design for easy storage and transport.

## 2. SAFETY INFORMATION

**Always prioritize safety when operating your electric bike. Failure to follow safety guidelines can result in serious injury or property damage.**

- **Wear a Helmet:** Always wear an approved bicycle helmet that fits properly.
- **Check Before Each Ride:** Inspect brakes, tires, battery charge, and all quick-release mechanisms before every use.
- **Obey Traffic Laws:** Follow all local traffic laws, regulations, and signage.
- **Visibility:** Use the integrated headlamp 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 280 lbs (127 kg).
- **Age Range:** This electric bike is designed for adults and teens.

## 3. PACKAGE CONTENTS

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

- HLOIE FZG140 Folding Electric Bike (95% assembled)

- Basket
- Lock
- Mudguard (Fender)
- Tool Kit
- Battery Charger
- User Manual



Image: The HLOIE FZG140 Folding Electric Bike, showcasing its compact design and included accessories.

#### **4. SETUP AND ASSEMBLY**

Your HLOIE FZG140 electric bike arrives approximately 95% assembled, minimizing the setup required before your first ride.

# Arrive 95% assembled

no need to worry about installation difficulties



Image: A user seated on the HLOIE FZG140 electric bike, highlighting its near-complete assembly upon delivery.

## 4.1 Unfolding the Bike

1. Carefully remove the bike from its packaging.
2. Locate the folding latch on the frame and release it.
3. Unfold the frame until it locks securely into place. Ensure the latch is fully engaged.
4. Raise the handlebar stem and secure it with its quick-release lever.
5. Adjust the handlebar height to your preference and tighten the quick-release.
6. Insert the seat post and adjust the seat height. Ensure the minimum insertion mark is not visible and tighten the quick-release.
7. Unfold the pedals.

## 4.2 Attaching Accessories

- Attach the front basket using the provided hardware.
- Install the mudguards if not already attached.

### 4.3 Initial Battery Charge

Before your first ride, fully charge the battery. Refer to the 'Battery Charging' section under Operating Instructions for details.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

To power on the bike, press and hold the power button on the display. To power off, press and hold the button again.



Headlamp



Taillight



Dashboard



Front fork damping

Image: Detailed view of the bike's dashboard, showing battery level and speed settings, along with lighting and suspension components.

### 5.2 Riding Modes

The HLOIE FZG140 offers three riding modes:

- **Electric Mode:** Provides full motor assistance without pedaling. Range up to 21 miles.

- **Pedal Assist System (PAS) Mode:** The motor assists your pedaling effort. Range up to 35 miles. Adjust assist levels (Speed 1-3) via the display.
- **Classic Mode:** Ride as a traditional bicycle with no motor assistance.



Image: A rider demonstrating the HLOIE FZG140 electric bike, illustrating the three distinct riding modes and speed selections.

### 5.3 Battery Charging

The 48V 12Ah lithium-ion battery can be charged both on and off the bike. Charging typically takes 3-4 hours for a full charge.

- Ensure the bike is powered off before charging.
- Connect the charger to the charging port on the battery or bike.
- Plug the charger into a standard wall outlet.
- The charger indicator light will show charging status (e.g., red for charging, green for fully charged).
- Disconnect the charger once charging is complete.

# 48v 12AH

## Anti-theft battert

576wh



3-4 Hours Full Charged



BMS Protection System



35 Miles Range  
pedal assist mode



Removable Li-Ion Battery



Image: An illustration of the HLOIE FZG140's 48V 12Ah lithium-ion battery, highlighting its capacity, charging time, and safety features.

### 5.4 Folding for Transport/Storage

To fold the bike for transport or storage:

1. Power off the bike.
2. Lower the seat post completely.
3. Lower the handlebar stem.
4. Release the main frame folding latch and fold the bike in half.
5. Ensure all folding mechanisms are securely latched.

# Portable and Perfect for Travel

Folds effortlessly and fits into your car in just two simple steps.  
Enjoy every adventure with our Electric Bike!



Image: A man demonstrating the portability of the HLOIE FZG140 electric bike by placing it in a car trunk after folding.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your HLOIE FZG140 electric bike.

- **Cleaning:** Wipe down the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Maintain recommended tire pressure (check tire sidewall for specifications).
- **Brakes:** Regularly check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 1-2 months.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are tight and secure.

# 14-inch fat tires with front and rear disc brakes

Provides excellent traction and stability  
Short braking distance for safe riding



Image: A detailed view of the HLOIE FZG140's 14-inch fat tires and dual disc brakes, emphasizing the importance of regular inspection for safety and performance.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on	Low battery; Loose battery connection; Faulty power button	Charge battery; Ensure battery is properly seated; Contact customer support
Motor not assisting	PAS mode not selected; Low battery; Brake lever engaged; Motor error	Select PAS mode; Charge battery; Release brake lever; Restart bike; Contact customer support
Short battery range	Under-inflated tires; Riding uphill frequently; Heavy load; Cold weather	Inflate tires to recommended pressure; Use lower assist levels; Reduce load; Battery performance may be reduced in cold weather

Problem	Possible Cause	Solution
Brakes feel weak	Worn brake pads; Loose brake cable; Contaminated rotors	Inspect and replace brake pads; Adjust brake cable tension; Clean rotors with disc brake cleaner

## 8. SPECIFICATIONS

Feature	Specification
Model Name	FZG140
Bike Type	Electric Bike
Motor	500W Peak Motor (400W Rated)
Max Speed	Up to 23 MPH
Battery	48V 12Ah Lithium Battery (576 Watt Hours)
PAS Range	Up to 35 Miles
Electric Mode Range	Up to 21 Miles
Wheel Size	14 Inches
Frame Material	Iron
Suspension Type	Dual
Brake Style	Disc (Dual Disc Brake)
Item Weight	53 Pounds (24 kg)
Load Capacity	280 Pounds (127 kg)
Recommended Height	4.8 ft - 6.4 ft
Special Features	Adjustable Handlebars, Adjustable Seat, Basket, Dual Suspension, Fenders, Foldable, Headlight



**50NM** **400w**

Easily conquer 30% slopes / **Brushless Motor**

**23MPH** | **500W** | **3-Model**  
Max Speed | Peak Power | speed gears

Image: An exploded view illustrating the HLOIE FZG140's powerful 400W brushless motor with 500W peak output, designed for efficient performance and hill climbing.

## 9. WARRANTY

The HLOIE FZG140 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 resulting from misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

## 10. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims regarding your HLOIE FZG140 Folding Electric Bike, please contact our customer support team.

- **Email:** Refer to your purchase documentation or the HLOIE official website for contact details.
- **Phone:** Refer to your purchase documentation or the HLOIE official website for contact details.

Our customer service team is committed to providing a 24-hour response time and 180-day after-sales service to ensure your satisfaction.