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## Jasion X-Hunter

# Jasion X-Hunter Electric Bike User Manual

Model: X-Hunter

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Jasion X-Hunter Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience. Retain this manual for future reference.



Image 1.1: The Jasion X-Hunter Electric Bike, a foldable fat-tire e-bike designed for various terrains.

## 2. SAFETY GUIDELINES

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

- **Wear a Helmet:** Always wear an approved bicycle helmet when riding.
- **Pre-Ride Inspection:** Before each ride, check tire pressure, brake function, battery charge, and ensure all bolts and quick releases are securely tightened.
- **Understand Local Laws:** Be aware of and comply with all local traffic laws and regulations for electric bicycles.
- **Visibility:** Use the integrated lights and wear reflective clothing, especially when riding at dawn, dusk, or night.
- **Weather Conditions:** Exercise caution in wet or slippery conditions, as braking distance may increase.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 300 pounds.

## 3. ASSEMBLY INSTRUCTIONS

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The Jasion X-Hunter Electric Bike is designed for straightforward assembly. While many components come pre-assembled, some final steps are required before your first ride.

### 3.1 Unpacking

1. Carefully remove the bike and all components from the packaging.
2. Inspect for any shipping damage. Contact customer support immediately if damage is found.
3. Ensure all necessary parts are present, including the charger, pedals, and any tools provided.

### 3.2 Initial Setup Steps

- **Handlebar Installation:** Secure the handlebar stem into the fork tube and tighten the clamping bolts.
- **Pedal Attachment:** Identify left (L) and right (R) pedals. Thread the left pedal counter-clockwise and the right pedal clockwise into the crank arms. Tighten firmly.
- **Seat Post Adjustment:** Insert the seat post into the frame and adjust to a comfortable riding height. Secure with the quick-release lever.
- **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.
- **Component Check:** Thoroughly check and tighten all bolts, nuts, and quick releases on the entire bicycle, including wheels, brakes, and folding mechanisms.

## 4. OPERATING YOUR E-BIKE

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The Jasion X-Hunter offers versatile riding options with its powerful motor and intuitive controls.

### 4.1 Powering On/Off

To power on the bike, press and hold the power button on the LCD display. To power off, press and hold the same button until the display turns off.

### 4.2 Riding Modes

Your e-bike features 3 riding modes and a 7-speed mechanical drivetrain:

- **Bike Mode:** Ride as a traditional bicycle by pedaling without electric assistance.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the assist level (usually 1-5) via the LCD display controls.
- **Throttle Mode:** Engage the throttle (typically a twist grip) for electric power without pedaling.

# SMART LCD DISPLAY



## BIKE MODE

POWER OFF, NORMAL BIKE, JUST PEDALING

## PEDAL-ASSIST MODE

POWER ON, WITHOUT THE THROTTLE JUST PEDALING

## THROTTLE MODE

POWER ON, NO NEED TO PEDAL, JUST THROTTLE

Image 4.1: The intuitive LCD display showing speed, battery charge, and pedal assist level, with controls for riding modes.

## 4.3 LCD Display Functions

The LCD display provides real-time information:

- **Speed:** Current riding speed.
- **Battery Charge:** Indicates remaining battery level.
- **Pedal Assist Level:** Shows the current level of motor assistance.
- **Travel Distance:** Displays trip distance or total odometer reading.

## 4.4 Gear Shifting

The 7-speed twist grip shifter allows you to change gears for different terrains and riding conditions. Shift smoothly to avoid strain on the drivetrain.

## 4.5 Braking

The Jason X-Hunter is equipped with front and rear mechanical disc brakes. Apply both brakes simultaneously

for effective and controlled stopping. Familiarize yourself with the brake lever sensitivity before riding at higher speeds.

#### 4.6 Folding and Transport

The foldable design allows for convenient storage and transport.



*Image 4.2: The Jasion X-Hunter in its folded configuration, highlighting its compact dimensions for easy portability.*

To fold the bike:

1. Ensure the bike is powered off.
2. Open the frame folding latch, typically located in the middle of the main frame tube.
3. Fold the frame in half.
4. Lower the seat post and fold the handlebars down if applicable.

## 5. BATTERY MANAGEMENT

The Jasion X-Hunter features a removable 48V 13Ah lithium-ion battery.

# Removable Large Battery

48V 13AH



Image 5.1: Illustration of the removable 48V 13Ah battery integrated into the frame of the Jasion X-Hunter.

- **Charging:** Connect the charger to the bike's charging port or directly to the removed battery. Plug the charger into a standard wall outlet. The indicator light on the charger will show charging status (e.g., red for charging, green for fully charged).
- **Removal:** The battery is designed to be removable for convenient off-bike charging or secure storage. Follow the specific instructions in your quick-start guide for safe removal and re-installation.
- **Care:** Keep the battery dustproof and damp-proof. Avoid extreme temperatures. For long-term storage, charge the battery to approximately 50-70% and store in a cool, dry place.

## 6. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and performance of your Jasion X-Hunter Electric Bike.

- **Regular Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Lubrication:** Keep the chain and other moving parts lubricated with appropriate bicycle lubricants.
- **Brake Inspection:** Check brake pads for wear and brake cables for proper tension. Adjust or replace as needed.

- **Tire Condition:** Inspect tires for wear, cuts, or punctures. Maintain correct tire pressure.
- **Fastener Checks:** Periodically inspect and tighten all fasteners (bolts, nuts, quick releases) throughout the bicycle.
- **Suspension Care:** Keep suspension components clean. The front air suspension has 80mm of travel and should be checked for proper function.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Jasion X-Hunter Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on	Low battery, loose battery connection, power button issue	Charge battery, ensure battery is securely seated, check power button connection.
Motor not assisting	PAS level set to 0, throttle not engaged, brake lever sensor engaged, motor connection issue	Increase PAS level, engage throttle, ensure brake levers are fully released, check motor cable connections.
Brakes feel weak	Worn brake pads, loose brake cable, contaminated rotors	Inspect and replace brake pads, adjust brake cable tension, clean rotors.
Unusual noises	Loose components, dry chain, misaligned gears	Inspect and tighten all fasteners, lubricate chain, check gear alignment.

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

## 8. TECHNICAL SPECIFICATIONS

Detailed specifications for the Jasion X-Hunter Electric Bike:

- **Bike Type:** Electric Bike
- **Model Name:** X-Hunter
- **Motor:** 750W (Peak 1400W) Brushless Motor
- **Max Speed:** Up to 30 MPH
- **Battery:** 48V 13Ah Lithium-ion (624 WH)
- **Range:** 55-70 miles per full charge (actual range varies based on terrain, rider weight, and assist level)
- **Wheel Size:** 20 Inches (Fat Tire)
- **Frame Material:** Aluminum
- **Suspension Type:** Dual (Front Air Suspension with 80mm travel)
- **Number of Speeds:** 7-Speed
- **Brake Style:** Mechanical Disc Brakes (Front and Rear)
- **Special Feature:** LCD-Display, Foldable Design
- **Item Weight:** 71 Pounds
- **Maximum Weight Recommendation:** 300 Pounds
- **Folded Size:** Approximately 33 x 16 x 30 inches

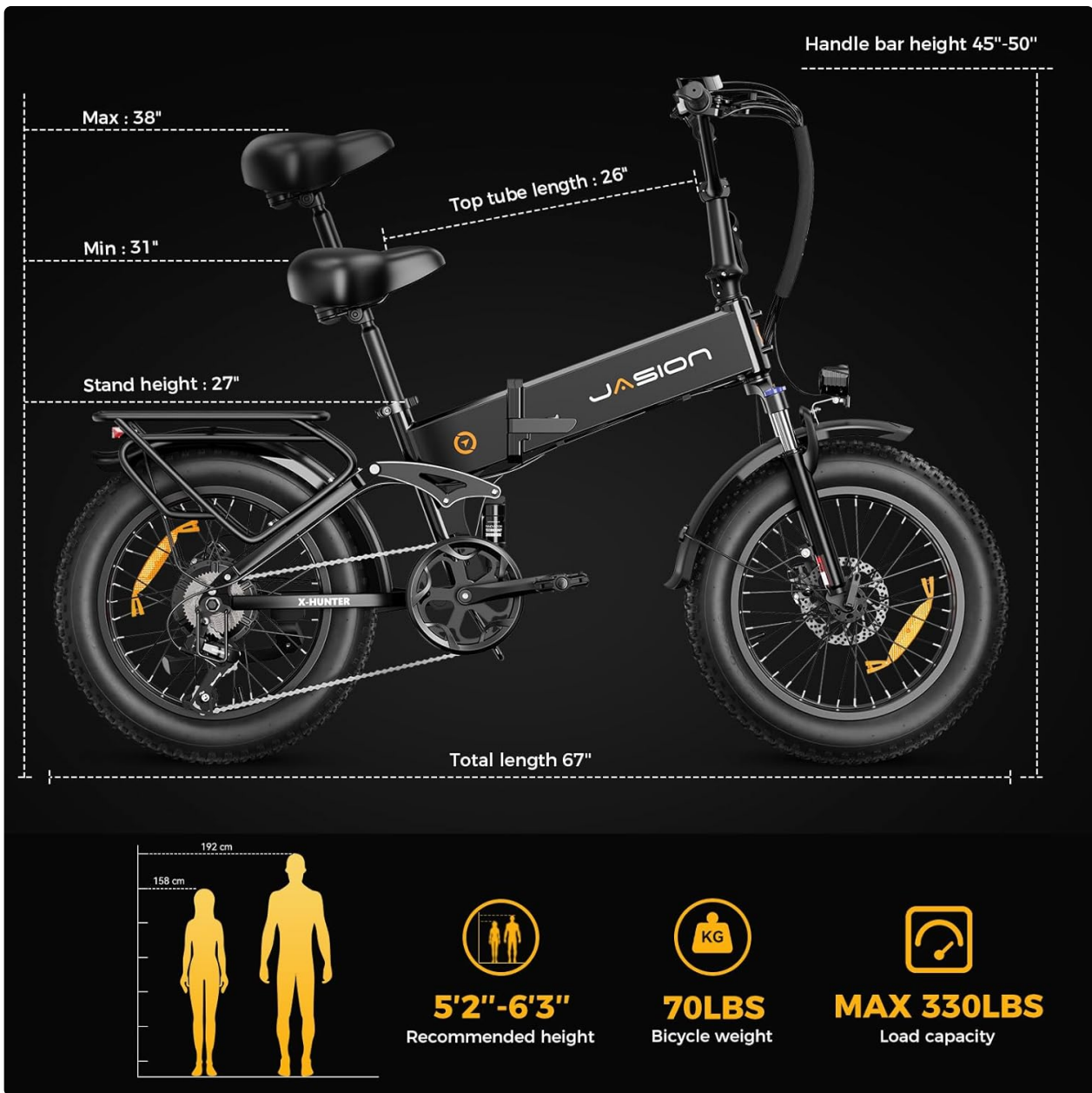


Image 8.1: Diagram illustrating the dimensions, recommended rider height, bicycle weight, and maximum load capacity of the Jasion X-Hunter.

## 9. WARRANTY AND CUSTOMER SUPPORT

### 9.1 Warranty Information

The Jasion X-Hunter Electric Bike comes with a **1-year limited warranty**. This warranty covers manufacturing defects in materials and workmanship. Please refer to the warranty card included with your purchase for full terms and conditions, including what is and is not covered.

### 9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Jasion X-Hunter Electric Bike, please contact Jasion Ebike customer service. You can typically find contact information on the official Jasion website or through your purchase platform.

