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## Jasion YC1

# Jasion YC1 26-inch Electric Bike User Manual

Model: YC1

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Jasion YC1 26-inch Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Adherence to these instructions will ensure optimal performance and longevity of your e-bike.

## 2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations for electric bicycles.

### 2.1 General Safety Guidelines

- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Ensure all quick releases and fasteners are securely tightened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.

### 2.2 Battery Safety

- Use only the charger provided by Jasion.
- Do not expose the battery to extreme temperatures or direct sunlight for extended periods.
- Avoid puncturing, dropping, or damaging the battery.
- Charge the battery in a well-ventilated area, away from flammable materials.
- The battery is removable for convenient charging and enhanced security. Always lock the battery when installed on the bike.

### 2.3 Riding Safety

- Maintain a safe speed and distance from other vehicles and pedestrians.

- Use the bright LED headlight and rear reflector, especially during low-light conditions.
- Be cautious when riding in wet conditions, as braking distance may increase.
- The bike is equipped with dual disc brakes for efficient stopping power. Practice braking to understand its response.

## 3. PACKAGE CONTENTS

Upon unboxing, verify that all components are present and undamaged. The package typically includes:

- Jasion YC1 Electric Bike (partially assembled)
- Removable Battery Pack
- Battery Charger
- Front Wheel
- Handlebars
- Pedals
- Seat Post and Saddle
- Front and Rear Fenders
- Headlight and Rear Reflector
- Tool Kit (Allen wrenches, spanner)
- User Manual
- Keys for Battery Lock (2)

## 4. SETUP AND ASSEMBLY

Your Jasion YC1 e-bike comes partially assembled. Follow these steps to complete the assembly process.

### 4.1 Unboxing and Initial Inspection

Carefully remove the bike and all components from the packaging. Inspect for any visible damage during transit. The bike is well-protected with bubble wrap and foam to prevent damage.

Your browser does not support the video tag.

**Video: Unboxing and Assembly of the Jasion Ebike.** This video demonstrates the unboxing process and initial assembly steps, including removing protective packaging and identifying components.

### 4.2 Attaching the Front Wheel

Align the front wheel with the front fork. Ensure the disc brake rotor slides correctly into the brake caliper. Secure the wheel using the quick-release mechanism or axle nuts provided.

### 4.3 Installing Handlebars

Insert the handlebar stem into the fork steerer tube. Adjust the handlebar to a comfortable riding position and tighten

the stem bolts securely. Ensure the brake levers and shifter are correctly oriented.

## 4.4 Attaching Pedals

Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Apply a small amount of grease to the pedal threads before installation. Tighten firmly with a spanner.

## 4.5 Adjusting Seat and Saddle

Insert the seat post into the frame's seat tube. Adjust the saddle height to allow for a slight bend in your knee when the pedal is at its lowest point. Secure with the quick-release lever.

# Sized for Comfort. Built for Strength.

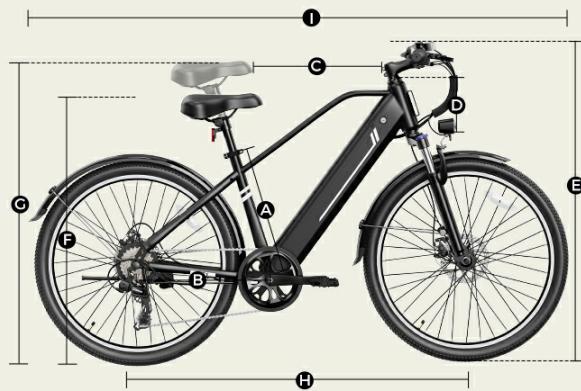
Take It With You  
58lb Lightweight - easy to carry upstairs, load into your car, or bring on public transit.



A. Seat tube	16.3in
B. Chainstay	16.8in
C. Effective top tube	24in
D. Head tube	6.69in
E. Handlebar Height	42.6in
F. Minimum seat height	29.5in
G. Maximum seat height	35.4in
H. Wheelbase	42.3in
I. Total length	68in

For Riders  
5'4"-6'6"

Load Capacity  
330lbs



**Image: Adjustable Seat.** The Jasion YC1 features an adjustable seat for personalized comfort, reducing strain during rides. This image also illustrates key dimensions of the bike.

## 4.6 Installing Fenders and Headlight

Attach the front and rear fenders using the provided hardware. Install the LED headlight onto the front fork or handlebars, ensuring it is securely fastened and pointed correctly. The rear reflector is typically pre-installed.

## 4.7 Battery Installation and Charging

Insert the removable battery pack into the frame and lock it with the key. Connect the charger to the battery port and then to a power outlet. The battery typically charges fully in 5-6 hours.

# Internal Removable Battery



IPX4 Waterproof Rating



Theft Proof



Dustproof and Rustproof



Impact Resistant



**Image: Internal Removable Battery.** The Jasion YC1 features an internal, removable 360WH battery with a BMS system, offering convenience for charging and enhanced security with a lockable design.

## 5. PRODUCT FEATURES AND COMPONENTS

The Jasion YC1 electric bike is designed for commuting and city riding, offering a blend of power, safety, and comfort.



**Image: Key Features Overview.** This diagram highlights the main components and features of the Jasion YC1 Electric Bike.

## 5.1 Motor and Power

Equipped with a 750W peak brushless motor, the YC1 provides powerful assistance, reaching speeds up to 25mph. The 360WH internal removable battery offers a range of up to 50 miles in pedal-assist mode.

## 5.2 LCD Screen Display

The integrated LCD display provides real-time information including speed, battery level, riding mode, and trip distance. This allows for easy monitoring of your ride performance.



**Image: LCD Screen Display.** The clear LCD screen provides essential riding data at a glance.

## 5.3 7-Speed Drivetrain

The 7-speed gear system allows for precise gear changes, adapting to various terrains and riding preferences, from gentle inclines to relaxed city cruising.



## 7-Speed Drivetrain

The 7-speed gear system helps you find your perfect riding rhythm — whether you're tackling a gentle incline or enjoying a relaxed city ride.

**Image: 7-Speed Drivetrain.** The 7-speed gear system ensures smooth and efficient riding across different conditions.

### 5.4 Dual Disc Brakes

Front and rear dual disc brakes provide reliable and efficient stopping performance in various conditions, enhancing rider safety.



## Dual Disc Brakes

The front and rear disc brakes deliver fast and reliable stopping performance — even on downhill roads or in wet conditions. Ride with confidence and stay in control at all speeds.

**Image: Dual Disc Brakes.** The dual disc brake system provides strong and responsive braking for enhanced safety.

### 5.5 Lockable Front Suspension

The lockable front suspension fork absorbs road shock, improving control on uneven surfaces and reducing strain on the rider, contributing to a more comfortable ride.

- ✓ **Absorbs road shock** to reduce vibration.
- ✓ **Improves control** on uneven surfaces.
- ✓ **Reduces strain** on hands, wrists, and shoulders.
- ✓ **More comfort** on longer rides.
- ✓ **Better traction** when riding off pavement.



**Image: Lockable Front Fork Suspension.** The front suspension enhances comfort and control by absorbing impacts from various road conditions.

## 5.6 Integrated Lights and Horn

The bike includes a bright LED headlight and a loud horn for increased visibility and safety, especially during night rides or in traffic.

## 6. OPERATING INSTRUCTIONS

### 6.1 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.

### 6.2 Riding Modes

The Jasion YC1 offers four riding modes, selectable via the display controls:

- **Pedal-Only Mode:** Traditional cycling without electric assistance.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. There are multiple levels of pedal assist (1-3), with higher levels offering more power. This mode can provide a range of up to 50 miles.
- **Throttle Mode:** Engage the motor without pedaling by twisting the throttle. This mode offers a range of up to 25 miles.
- **Walk Assist Mode:** Provides low-speed motor assistance to help push the bike when walking alongside it, useful for inclines or tight spaces.

# 4 Riding Modes with Brushless Motor



⌚ 7-Speed

🔋 750W Peak



Uphill 30°



Max 25mph

Image: 4 Riding Modes. Understand the different ways to operate your Jasion YC1 Electric Bike.

## 6.3 Shifting Gears

Use the shifter on the handlebars to change between the 7 available gears. Shift smoothly and avoid shifting under heavy load to prevent damage to the drivetrain.

Your browser does not support the video tag.

**Video: Jasion Ebike Review - Features and Operation.** This video demonstrates various operational aspects, including battery removal, gear shifting, display functions, and the horn/headlight.

## 6.4 Using the Horn and Headlight

The horn and headlight controls are located on the handlebars. Use the horn to alert others to your presence and the headlight for visibility in low-light conditions.

## 7. MAINTENANCE

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Regular maintenance ensures the safety and longevity of your Jasion YC1 e-bike.

### 7.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place.
- Avoid fully discharging the battery frequently.

### 7.2 Tire Pressure

Check tire pressure before each ride. Maintain the recommended PSI (pounds per square inch) indicated on the tire sidewall for optimal performance and safety.

### 7.3 Brake Inspection

Regularly inspect brake pads for wear and brake levers for proper function. Ensure brake cables are not frayed and disc rotors are clean and free of damage.

### 7.4 Chain Lubrication

Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear. Apply bicycle-specific chain lubricant periodically.

### 7.5 General Cleaning

Clean your e-bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components.

## 8. TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

### 8.1 Gear Shifting Issues

If gears are not shifting smoothly or the chain is rubbing, the derailleur may need adjustment. Small screws on the derailleur allow for fine-tuning. Refer to the video in Section 6.3 for a visual guide on adjusting the rear derailleur.

### 8.2 Brake Squealing

Brake squealing can occur due to dirt on the rotors or misaligned calipers. Clean the rotors with disc brake cleaner and ensure the calipers are centered over the rotor. If the issue persists, professional adjustment may be required.

### 8.3 Reduced Battery Range

Battery range can be affected by terrain, rider weight, riding mode (throttle-only uses more power), and temperature. Ensure the battery is fully charged before each ride. If range significantly decreases over time, the battery may be degrading or require servicing.

## 9. SPECIFICATIONS

<b>Bike Type</b>	Commuting Bike, Electric Bike
<b>Model Name</b>	YC1
<b>Age Range</b>	Adult
<b>Brand</b>	Jasion
<b>Number of Speeds</b>	7
<b>Color</b>	Black
<b>Frame Material</b>	High Carbon Steel
<b>Suspension Type</b>	Dual (Lockable Front Fork)
<b>Special Feature</b>	26" Commuter E Bike, 360WH Removable Battery, Adjustable Seat, Max load capacity 330 lbs
<b>Included Components</b>	Tool Kit
<b>Size</b>	Large
<b>Brake Style</b>	Disc
<b>Power Source</b>	Electric
<b>Maximum Weight Recommendation</b>	330 Pounds
<b>Bicycle Gear Shifter Type</b>	Trigger



Ebike Weight  
**58lbs**



Load Capacity  
**330lbs**



Recommended Height  
**5'4"-6'6"**

**Image: Jasion YC1 Dimensions.** This image provides detailed measurements and specifications for the Jasion YC1 Electric Bike.

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

The Jasion YC1 Electric Bike comes with a 1-year warranty. Please retain your proof of purchase for any warranty claims.

### 10.2 Customer Support

For technical assistance, parts, or warranty inquiries, please contact Jasion customer support. Refer to the contact information provided with your purchase documentation or visit the official Jasion website.

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