

Jasion YC1

Jasion YC1 Electric Bike User Manual

Model: YC1

1. INTRODUCTION

Thank you for choosing the Jasion YC1 Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new e-bike. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure a safe and enjoyable riding experience.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Be aware of local traffic laws and regulations. Regular maintenance checks are crucial for safe operation. Avoid riding in adverse weather conditions or under the influence of substances. Ensure all components are securely fastened before each ride.



Image: The Jasion YC1 Electric Bike features bright LED headlights and rear reflectors for enhanced visibility during day and night rides.

3. WHAT'S IN THE BOX

Upon unpacking, verify that all components are present:

- Jasion YC1 Electric Bike (partially assembled)
- Removable Lithium-ion Battery
- Battery Charger
- Tool Kit for assembly
- User Manual (this document)
- Pedals
- Front Wheel
- Handlebar Assembly

4. SETUP AND ASSEMBLY

The Jasion YC1 Electric Bike arrives mostly assembled. Follow these steps to complete the setup:

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain packaging for potential future transport or returns.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely. Adjust the angle for comfortable riding.
3. **Front Wheel Installation:** Install the front wheel, ensuring the quick-release skewer or axle nuts are properly tightened. Verify the brake rotor is correctly seated in the caliper.
4. **Pedal Installation:** 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 threads before installation.
5. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the seat height to a comfortable position, ensuring your feet can touch the ground when stopped. Secure the quick-release lever firmly.
6. **Battery Insertion:** Insert the fully charged battery into its compartment in the frame. Ensure it clicks into place and is locked with the key.
7. **Pre-Ride Check:** Before your first ride, check tire pressure, brake function, gear shifting, and ensure all bolts and quick releases are tightened.

Command Every Condition



Image: The Jasion YC1 features an adjustable seat for rider comfort and proper leg extension.

5. OPERATING INSTRUCTIONS

5.1 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 power button again

until the display turns off.

5.2 Riding Modes

The Jasion YC1 offers four distinct riding modes:

- **Pure Electric Mode:** Engages the motor without pedaling, providing assistance up to 25 miles on a full charge.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal, extending range up to 50 miles. Adjust assist levels via the display.
- **Walking Mode:** Provides low-speed motor assistance for easier maneuvering when walking alongside the bike.
- **Pedal-Only Mode:** Ride the bike like a traditional bicycle with no motor assistance.

4 Modes for Every Ride



1200W

Peak Power



30°

Max Grade



28MPH

Top Speed



50Miles

Max Range



Pedal-Only Mode



Electric Mode
Up to 25 Miles



Pedal Assist Mode
Up to 50 Miles

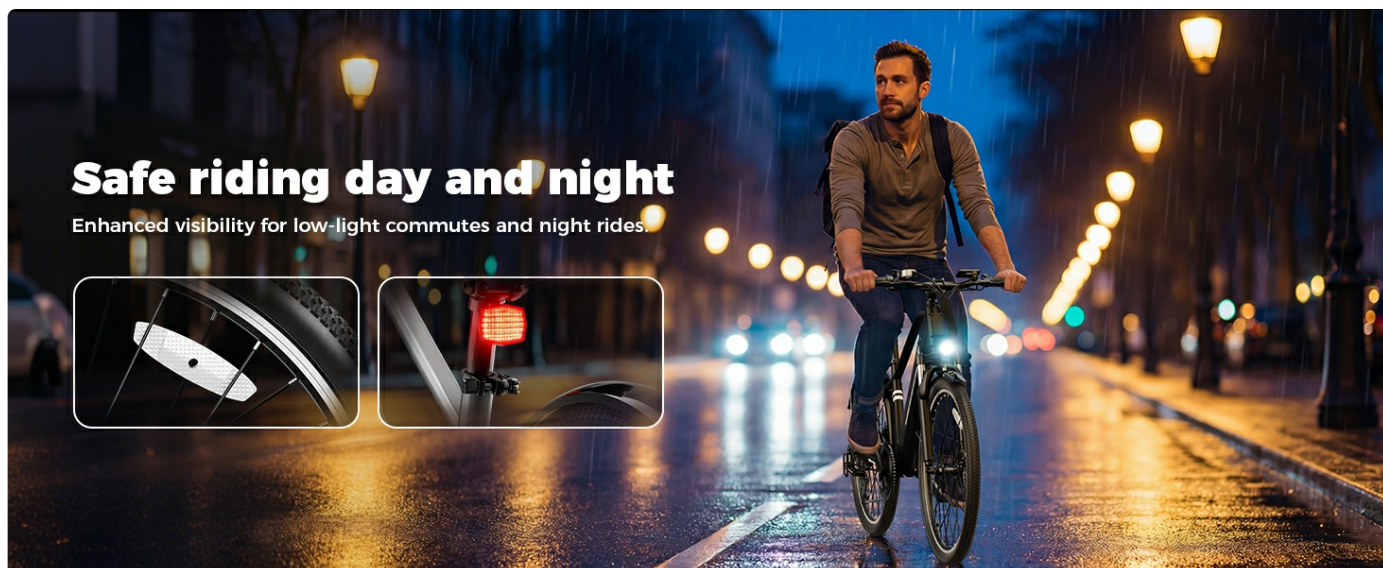


Walk Assist Mode

Image: The Jasion YC1 offers four riding modes to suit various preferences and terrains.

5.3 Shifting Gears

The bike is equipped with a 7-speed Shimano shifter. Use the shifter on the handlebar to change gears according to terrain and desired speed. Shift to a lower gear for climbing hills and a higher gear for flat terrain or descents.



Safe riding day and night

Enhanced visibility for low-light commutes and night rides.



Image: The 7-speed gear system allows for flexible gear changes and efficient riding on varied terrain.

5.4 Display Usage

The multi-function LCD display provides real-time riding data:

- Current Speed (MPH/KMH)
- Total Mileage (ODO)
- Trip Distance (TRIP)
- Battery Power Level
- Pedal Assist System (PAS) Level
- Error Codes (if any)

Use the buttons on the display unit to cycle through information and adjust PAS levels.

All Info, One Glance



Image: The LCD display provides essential riding data at a glance, including speed, battery level, and mileage.

5.5 Braking

The Jasion YC1 is equipped with dual disc brakes for reliable stopping power. Apply both brake levers simultaneously for effective and controlled braking. Practice braking in a safe area to familiarize yourself with their response.

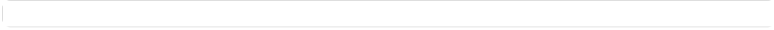


Image: Dual disc brakes provide reliable stopping power, even in wet conditions, enhancing rider safety.

5.6 Suspension Adjustment

The bike features a lockable front suspension fork. You can lock the suspension for efficient riding on smooth surfaces or unlock it to absorb bumps and shocks on uneven terrain, providing a smoother and more comfortable ride.

Lockable Fork Suspension

Ride 80% smoother over bumpy roads

80%



Hydraulic Suspension Fork



snow road



urban road



mountain road



mud road

Image: The lockable front suspension fork improves ride comfort and control over various road conditions.

6. BATTERY INFORMATION

The Jasion YC1 is equipped with a 360Wh removable lithium-ion battery with a BMS system for improved safety. The battery is UL2849 certified.

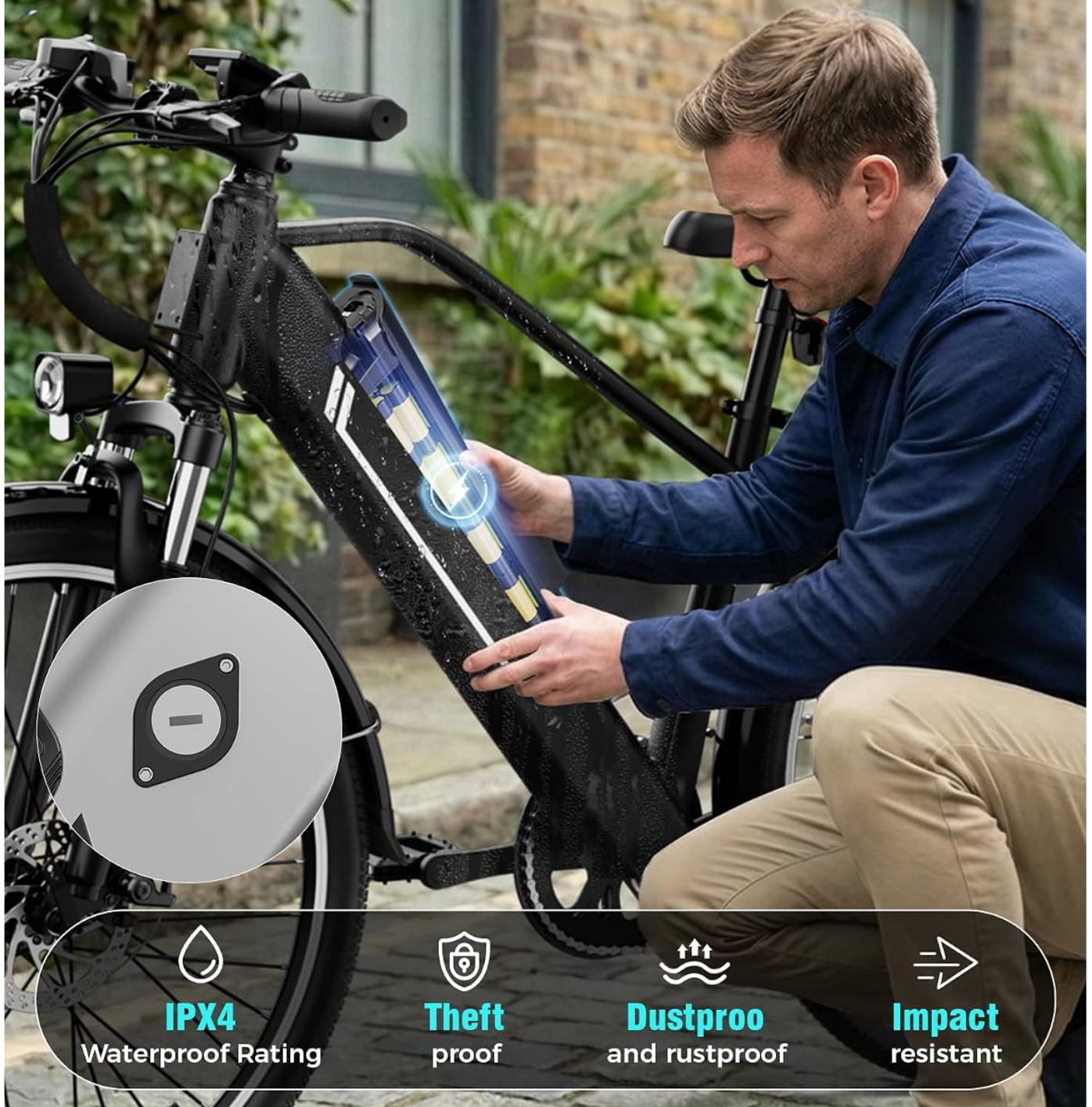
6.1 Charging the Battery

The battery can be charged in two ways:

- **On-bike Charging:** Connect the charger directly to the charging port on the bike frame.
- **Off-bike Charging:** Remove the battery from the frame and connect it to the charger.

A full charge typically takes 5-6 hours. Always use the provided charger. Do not overcharge the battery. The battery is IPX4 waterproof rated.

Internal **Removable** Battery



IPX4
Waterproof Rating



Theft
proof



Dustproof
and rustproof



Impact
resistant

Image: The internal removable battery can be easily inserted or removed for convenient charging.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Jasion YC1 Electric Bike.

- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.

- **Brakes:** Regularly inspect brake pads for wear and brake levers for proper function. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Cleaning:** Clean the bike with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.
- **Battery Care:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health.

8. TROUBLESHOOTING

This section addresses common issues you might encounter:

- **Bike Not Powering On:** Check if the battery is fully charged and properly seated. Ensure the power button is pressed correctly.
- **Motor Not Assisting:** Verify the PAS level is not set to zero. Check battery charge. Ensure all connections are secure.
- **Brakes Squealing:** This can be normal for new brakes or after riding in wet conditions. If persistent, inspect brake pads for contamination or wear.
- **Gears Not Shifting Smoothly:** The derailleur may need adjustment. Check for a bent hanger or stretched cable.
- **Reduced Range:** This can be due to low tire pressure, riding in higher assist modes, heavy loads, or cold weather.

For issues not listed or if problems persist, contact Jasion customer support.

9. SPECIFICATIONS

Key specifications for the Jasion YC1 Electric Bike:

Feature	Detail
Bike Type	Commuting Bike, Electric Bike
Motor	1200W Peak Brushless Motor
Top Speed	Up to 28 MPH
Max Range	Up to 50 Miles (Pedal Assist Mode)
Battery	360Wh Lithium-ion, Removable, UL2849 Certified
Charging Time	5-6 Hours
Wheel Size	26 Inches
Number of Speeds	7 (Shimano)
Brake Style	Dual Disc
Suspension Type	Front (Lockable)
Frame Material	High Carbon Steel
Item Weight	58 Pounds
Maximum Weight Recommendation	330 Pounds
Waterproof Rating	IPX4



Image: Detailed dimensions and recommended rider height for the Jasion YC1 Electric Bike.

10. WARRANTY AND SUPPORT

The Jasion YC1 Electric Bike comes with a 1-year limited warranty. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty inquiries, or any questions regarding your Jasion YC1 Electric Bike, please contact Jasion customer support. Refer to the contact information provided on the Jasion official website or your purchase documentation.



Image: Jasion offers extended care and lifetime support for their electric bikes, including product care, technical guidance, and a professional customer support team.

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Ask a Question About This Manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question