

Jasion YC1 ST

Jasion YC1 ST Electric Bike User Manual

Model: YC1 ST | Brand: Jasion

			Safety Guidelines	Package			
Contents	Assembly	Components	Operation	Maintenance & Support	Troubleshooting	Specifications	Warranty

1. SAFETY GUIDELINES

Read all instructions carefully before operating your Jasion YC1 ST Electric Bike. Failure to follow safety guidelines may result in serious injury or property damage.

1.1 General Safety

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are securely fastened and in good working order before each ride.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy traffic or adverse weather conditions (heavy rain, snow, ice).

1.2 Battery Safety

- Use only the original charger provided with your Jasion YC1 ST Electric Bike.
- Do not expose the battery to extreme temperatures, direct sunlight, or fire.
- Do not puncture, drop, or disassemble the battery.
- Keep the battery away from children and pets.
- If the battery is damaged or leaking, contact customer support immediately.

1.3 Riding Safety

- Be aware of your surroundings and potential hazards.
- Maintain a safe distance from other vehicles and pedestrians.
- Ensure proper tire pressure before each ride for optimal performance and safety.
- Familiarize yourself with the braking system and practice stopping in a safe area.

2. PACKAGE CONTENTS

Upon unboxing, please verify that all items listed below are present and undamaged.

- Jasion YC1 ST Electric Bike (partially assembled)
- Charger
- Headlight
- Intuitive display
- Tool Kit
- User Manual

3. ASSEMBLY INSTRUCTIONS

Your Jasion YC1 ST Electric Bike comes partially assembled. Follow these steps to complete the assembly. For a visual guide, please refer to the assembly videos below.

3.1 Unboxing and Initial Setup

Carefully remove the bike and all components from the packaging. Remove all protective wrapping and zip ties. Keep the packaging for at least 30 days in case of returns or warranty claims.

Internal Removable Battery



IPX4 Waterproof
Rating



Theft
Proof



Dustproof and
Rustproof



Impact
Resistant



Image: The Jasion YC1 ST Electric Bike components laid out after unboxing.

3.2 Handlebar Installation

Attach the handlebar to the stem, ensuring it is centered and the bolts are tightened securely using the provided tools. Adjust the angle for comfortable riding.

4 Riding Modes with Brushless Motor



Throttle Mode

Up to 25 Miles



Pedal Assist Mode

Up to 50 Miles



Pedal-Only Mode



Walk Assist Mode



7-Speed



750W Peak



Uphill 30°



Max 25mph

Image: Close-up of the handlebar and display unit, showing the ergonomic grips and gear shifter.

3.3 Front Wheel and Fender Attachment

Install the front wheel into the fork, ensuring the disc brake aligns correctly with the caliper. Secure the wheel with the quick-release skewer or nuts. Attach the front fender and headlight to the fork using the provided hardware.



Ebike Weight
58lbs



Load Capacity
330lbs



Recommended Height
5'1"-6'6"

Image: Detailed view of the front wheel assembly, including the disc brake, fender, and headlight.

3.4 Pedal and Kickstand Installation

Thread the pedals into the crank arms (note: left and right pedals are marked). Install the kickstand to the designated mounting points on the frame.

3.5 Seat Post and Battery Insertion

Insert the seat post into the frame and adjust the height for comfortable riding. Secure it with the quick-release lever. Insert the removable battery into the frame and lock it with the key.

Lockable Front Fork Suspension



Image: Cross-section view showing the internal removable battery integrated into the bike frame.

3.6 Assembly Videos

Your browser does not support the video tag.

Video: Jasion YC1 ST Electric Bike Unboxing and Assembly. This video provides a step-by-step guide to unboxing and assembling your e-bike.

Your browser does not support the video tag.

Video: Detailed Installation Video. This video offers a comprehensive guide to installing various components of the electric bike.

4. PRODUCT FEATURES AND COMPONENTS

4.1 Motor & Performance

The Jasion YC1 ST is equipped with a 750W peak brushless motor, providing speeds up to 25mph for efficient commuting and outdoor exploration.

360° All-Round Safety



Image: A rider on the Jasion YC1 ST Electric Bike, illustrating the four riding modes and motor capabilities.

4.2 Battery System

Features a 360WH removable battery with a Battery Management System (BMS) for enhanced safety. It supports two fast charging methods, fully charging in 5-6 hours and offering a range of up to 50 miles in Pedal Assist System (PAS) mode. The removable design allows for convenient charging at home or office.

4.3 Tires & Suspension

The bike comes with 26"x2.0" tires suitable for various terrains and a lockable front suspension fork to absorb shocks and impacts, ensuring a smooth ride.

4 Riding Modes

Throttle Mode

No pedaling needed, enjoy effortless rides with full electric power.

Pedal Assist Mode

Boost your ride, get motor assistance while pedaling to go farther with less effort.

Pedal-Only Mode

Traditional cycling, a great option for exercise or casual cruising.

Walk Assist Mode

Easy walking support, Light motor push helps you walk the bike uphill or in tight spaces.



Image: Detailed view of the front suspension system, highlighting its ability to absorb road shock and improve control.

4.4 7-Speed Drivetrain

A professional 7-speed transmission allows for easy gear shifting and adaptation to diverse terrains, providing an optimal riding experience.

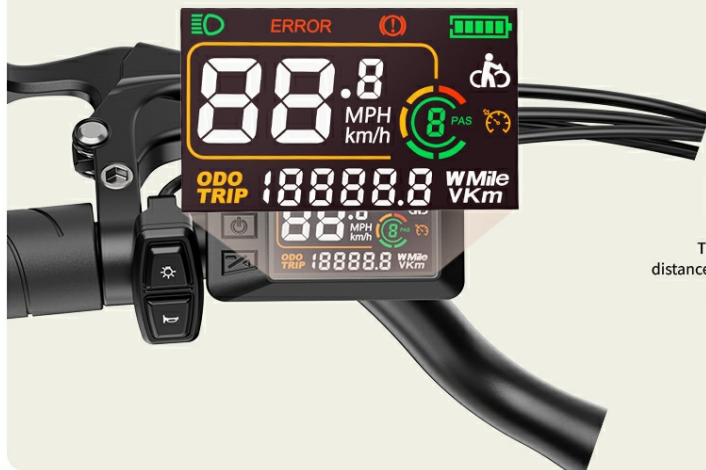
- ✓ **Absorbs road shock** to reduce vibration.
- ✓ **Improves control** on uneven surfaces.
- ✓ **Reduces strain** on hands, wrists, and shoulders.
- ✓ **More comfort** on longer rides.
- ✓ **Better traction** when riding off pavement.



Image: Close-up of the 7-speed drivetrain, showing the gear system for varied riding conditions.

4.5 Dual Disc Brakes

Equipped with dual disc brakes for precise and instant stopping power, ensuring safety and control in all conditions, including downhill roads and wet weather.



LCD

LCD Screen Display

The integrated LCD display shows your speed, battery level, riding mode, and trip distance in a clear, easy-to-read format. Whether you're cruising, climbing, or commuting, you always know exactly how your ride is performing — no guessing, no surprises.

Image: Detailed view of the dual disc brake system, emphasizing reliable stopping performance.

4.6 Lighting System & Reflectors

Bright LED headlights, rear reflectors, and reflective strips on the tires enhance visibility and safety during both day and night riding.

4.7 Multi-function LCD Display

The integrated LCD display provides clear, easy-to-read data such as current speed, total mileage, and battery power, allowing you to monitor your ride effectively.



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: Close-up of the LCD screen display, showing various riding data like speed, mileage, and battery level.

5. OPERATING YOUR JASION YC1 ST E-BIKE

5.1 Riding Modes

The Jasion YC1 ST offers 3+1 riding modes to suit your preferences:

- **Pure Electric Mode:** Enjoy effortless rides with full electric power, no pedaling needed.
- **Pedal Assist Mode (PAS):** Boost your ride with motor assistance while pedaling, extending your range up to 50 miles.
- **Walking Mode:** Light motor push helps you walk the bike uphill or in tight spaces.
- **Normal Bicycle Mode:** Ride like a traditional bicycle without any electric assistance.



 Certified **UL 2849**  Waterproof **IPX4**  Range **50 Miles**  Top Speed **28 mph**  Power **1200W Peak**  Service **2 Years**

Image: Visual representation of the four distinct riding modes available on the Jasion YC1 ST Electric Bike.

5.2 Charging the Battery

To charge the battery, you can either charge it while it's installed in the bike or remove it for charging. Connect the charger to the battery port and then to a power outlet. The indicator light on the charger will show the charging status. A full charge typically takes 5-6 hours.

5.3 Using the LCD Display

Turn on the bike by pressing the power button on the battery. The LCD display will illuminate, showing your current speed, total mileage, and battery level. Use the control buttons near the handlebar to switch between riding modes and adjust settings.

6. MAINTENANCE AND CARE

6.1 General Care

- Regularly clean your e-bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- Store the bike in a cool, dry place, away from direct sunlight and extreme temperatures.
- Lubricate the chain periodically to ensure smooth operation.

6.2 Tire Pressure

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

6.3 Brake Inspection

Regularly inspect the brake pads and rotors for wear. Ensure the brake levers are responsive and provide adequate stopping power. Adjust or replace components as necessary.

7. TROUBLESHOOTING COMMON ISSUES

If you encounter any issues with your Jasion YC1 ST Electric Bike, please refer to the following common troubleshooting tips:

- **Bike not powering on:** Ensure the battery is fully charged and properly inserted. Check that the power button on the battery is pressed.
- **Motor not assisting:** Verify that you are in a pedal assist mode (PAS) or pure electric mode. Check for any error codes on the LCD display.
- **Brakes feel weak:** Inspect brake pads for wear and ensure cables are properly tensioned.
- **Unusual noises:** Check for loose components, rubbing parts, or debris in the drivetrain.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact Jasion customer support.

8. TECHNICAL SPECIFICATIONS



Image: Diagram showing key dimensions and weight specifications of the Jasion YC1 ST Electric Bike.

Feature	Specification
Bike Type	City Bike, Commuting Bike
Age Range (Description)	Adult
Brand	Jasion
Number of Speeds	7
Color	black+green
Wheel Size	26 Inches
Frame Material	High Carbon Steel
Suspension Type	Front
Special Feature	360WH Removable Battery, 750W Peak Adult Electric Bike, Adjustable Seat, Dual Disc Brake, Headlight
Included Components	Charger, Headlight, Intuitive display, Tool Kit
Size	Large
Brake Style	Disc
Model Name	YC1 ST
Power Source	Electric motor
Wheel Material	Aluminum
Lithium Battery Energy Content	360 Watt Hours
Warranty Type	Limited
Maximum Weight Recommendation	330 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Down Tube

Feature	Specification
Battery Capacity	360 Watt Hours
Derailleur Configuration	Front and Rear
Bicycle Drivetrain Type	Derailleur
Electric Assist Type	Electric Assist
Manufacturer	Jasion
Frame Size	Large
Brand Name	Jasion
Warranty Description	1 Year
Material	High Carbon Steel
Number of Items	2

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The Jasion YC1 ST Electric Bike comes with a 1-year limited warranty. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and does not cover damage due to misuse, accidents, or normal wear and tear.

9.2 Customer Support

For technical assistance, warranty inquiries, or replacement parts, please contact Jasion customer support. Refer to the contact information provided on the product packaging or the official Jasion website.

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