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Jasion EB7 2.0

Jasion EB7 2.0 Electric Bike User Manual

Model: EB7 2.0 | Brand: Jasion



INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your Jasion EB7 2.0 Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience.



Image: The Jasion EB7 2.0 Electric Bike, showcasing its design and features.

SAFETY INFORMATION

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

- Wear a helmet and appropriate safety gear at all times.
- Familiarize yourself with local traffic laws and regulations for electric bikes.
- 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 operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- The throttle is half-twist to help prevent accidental activation. Use with caution.

- The bike is rated IPX4 for water resistance, meaning it is protected against splashing water from any direction. Avoid submerging the bike or riding in heavy rain for extended periods.

SETUP AND ASSEMBLY

Your Jasion EB7 2.0 Electric Bike requires some assembly. Tools are included to assist with this process. It is recommended to watch an assembly video or consult detailed instructions if you are unsure.

Unpacking

- Carefully remove the bike and all components from the packaging.
- Inspect for any shipping damage. Contact customer support immediately if damage is found.
- Verify all included components are present: Electric Bike, Assembly Tools, Manual.

Initial Assembly Steps

1. **Unfolding the Frame:** Carefully unfold the bike frame until it locks into place. Ensure the folding mechanism is securely latched.
2. **Handlebar Installation:** Attach the handlebar stem to the fork. Ensure the protective metal sleeve is removed if present, as noted in some user experiences. Tighten all bolts securely.
3. **Pedal Attachment:** Identify left (L) and right (R) pedals. Thread them into the crank arms by hand, then tighten with a wrench. Note that the left pedal is reverse-threaded.
4. **Seat Post Adjustment:** Insert the seat post and adjust the height for a comfortable riding position. Secure the quick-release lever.
5. **Tire Inflation:** Inflate tires to the recommended pressure, typically found on the tire sidewall.

Fits Most Families



Image: Visual guide showing the bike's dimensions and its folded configuration.

OPERATING INSTRUCTIONS

Battery and Charging

The Jasion EB7 2.0 is equipped with a 48V 10Ah (480Wh) removable lithium-ion battery. For optimal performance and

longevity, fully charge the battery before your first ride.

- **Charging:** The battery can be charged while installed on the bike or removed. Connect the charger to the battery port and then to a power outlet. A full charge typically takes 5-6 hours.
- **Battery Removal:** Use the provided key to unlock and remove the battery for off-bike charging or secure storage.
- **Battery Care:** Avoid completely draining the battery. Charge regularly, especially if storing for extended periods.

480 WH 48V 10AH

Li-Lion Battery



Over current
protection



480WH
Large Capacity



55Mile
Pas Mode



BMS
Intelligent Safety



22Miles
Pure Electric Mode

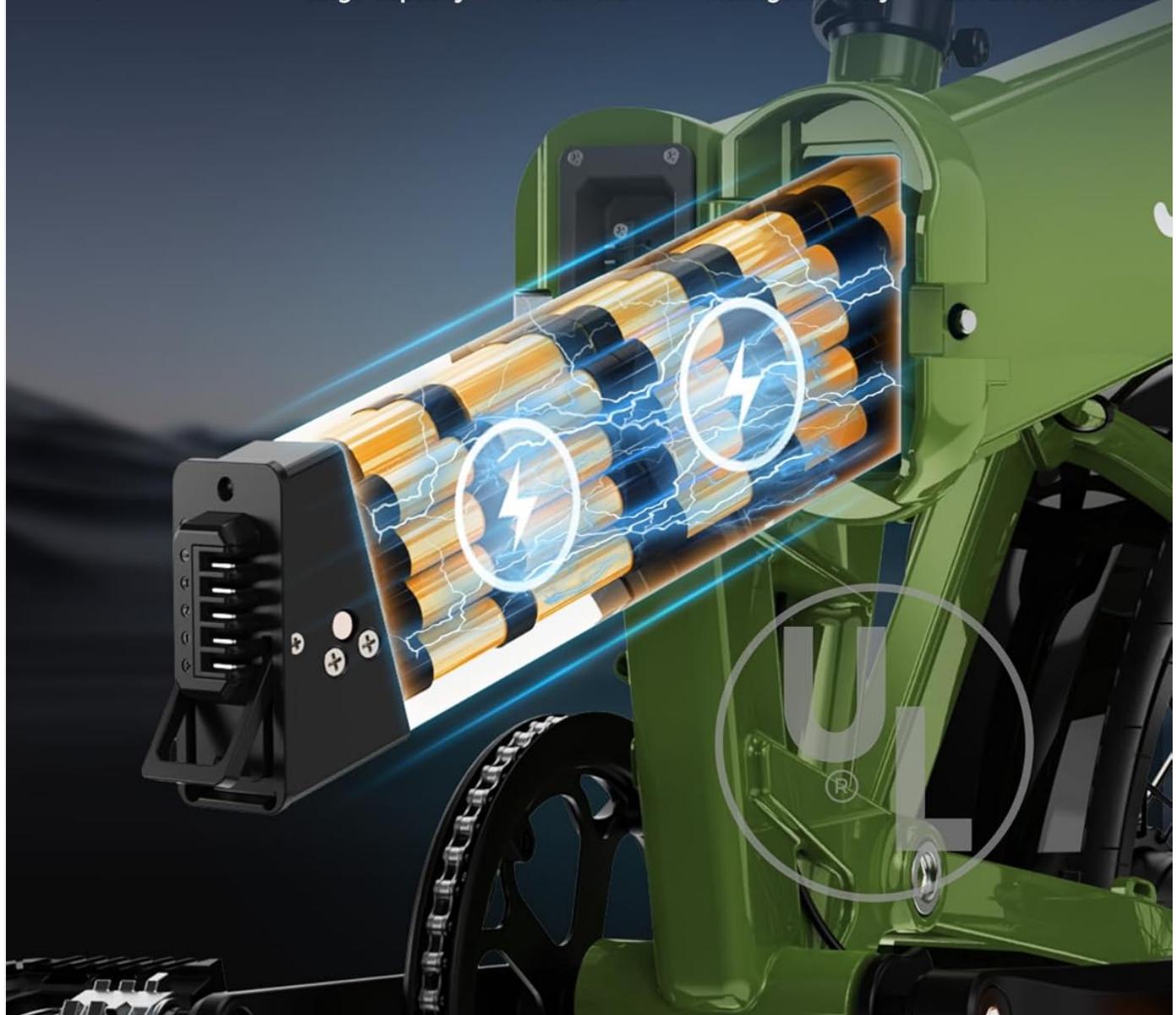


Image: Detailed view of the bike's integrated battery, highlighting its specifications.

Powering On and LCD Display

To power on the bike, press and hold the power button on the handlebar control panel. The intuitive LCD display will activate, showing key riding data.

- **Display Information:** The LCD shows current speed, battery charge level, pedal assist level, and travel distance.
- **USB Charging Port:** A USB port is available on the display for charging mobile devices.

Effortless Ride Control

View your riding data at a glance.

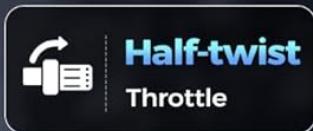


Image: The handlebar and LCD display, providing real-time riding data.

Riding Modes and Gearing

The EB7 2.0 offers three riding modes and a 7-speed transmission for versatile riding.

- **Pure Electric Mode:** Engages the motor without pedal input using the half-twist throttle.
- **Pedal Assist Mode (PAS):** Provides motor assistance as you pedal. Adjust the assist level via the control panel.

- **Bike Mode:** Operates as a traditional bicycle with no motor assistance.
- **7-Speed Transmission:** Use the twist grip shifter to select appropriate gears for different terrains and speeds.



Image: The 7-speed gear system, designed for adapting to various terrains.

Braking System

The bike features 160mm front and rear mechanical disc brakes for reliable stopping power.

- Apply both brakes simultaneously for controlled stopping.
- Regularly check brake pads and rotors for wear.

Stops on a dime

160mm dual-disc brakes respond instantly, keeping you confidently in command.



Dual Disc Brake Drum Brake

+90% Efficiency

EB7 2.0

Others



+90% Stopping Power



+90% Smoother Operation



Image: The dual disc brake system, emphasizing responsive stopping capability.

Lights

The EB7 2.0 includes a bright headlight and an adjustable rear light for visibility.

- Activate lights using the control panel, typically integrated with the headlight switch.
- Ensure lights are functional before riding in low-light conditions.

Maintenance

Regular maintenance is crucial for the longevity and safe operation of your electric bike.

- Battery Care:** Charge the battery regularly, even during periods of non-use, to maintain its health. Store in a cool, dry place.
- Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the range indicated on the tire sidewall for optimal performance and safety.
- Brake Inspection:** Regularly inspect brake levers, cables, pads, and rotors for wear or damage. Adjust or replace components as needed.
- Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- Fastener Check:** Periodically check all bolts, nuts, and quick releases for tightness.
- Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.

Troubleshooting

This section addresses common issues you might encounter with your Jasion EB7 2.0 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated, power cable loose.	Ensure battery is fully charged and securely installed. Check all cable connections.
Motor not assisting.	Pedal assist level set to zero, battery low, motor connection issue.	Increase pedal assist level. Check battery charge. Inspect motor cable connections.
Brakes making noise or rubbing.	Brake pads misaligned, rotor bent, worn pads.	Adjust brake caliper alignment. Inspect rotor for damage. Replace worn brake pads.
Difficulty shifting gears.	Derailleur out of adjustment, dirty/dry chain, damaged shifter cable.	Clean and lubricate chain. Adjust derailleur. Consult a bike mechanic if issues persist.
Battery connection pins issue.	Pins bent or damaged during battery reinstallation or folding.	Carefully inspect battery connection pins. If damaged, contact customer support for assistance. Exercise caution when reinstalling the battery and folding the bike.

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

Specifications

Feature	Detail
Model Name	EB7 2.0 Electric Bike
Bike Type	Electric Bike

Feature	Detail
Motor	750W Brushless (1200W Peak)
Max Speed	28 MPH (45 km/h)
Max Uphill Angle	25°
Torque	55 N.M
Battery	48V 10Ah (480Wh) Removable Lithium-ion
Range per Charge	22-55 Miles (depending on mode and terrain)
Charging Time	5-6 Hours
Wheel Size	20 Inches Fat Tires (20"x3")
Frame Material	Aluminum
Suspension Type	Dual (Front & Rear)
Brake Style	160mm Dual Mechanical Disc Brakes
Number of Speeds	7-Speed
Item Weight	59 Pounds (26.7 kg)
Maximum Load Capacity	330 Pounds (150 kg)
Recommended User Height	5'0" - 6'2" (152 cm - 188 cm)
Expanded Dimensions (LxWxH)	68.9 x 24.8 x 49.6 inches (175 x 63 x 126 cm)
Folded Dimensions (LxWxH)	36 x 21 x 29 inches (91 x 53 x 74 cm)
Water Resistance Rating	IPX4

1200W Peak Brushless Motor

Unstoppable Performance



850W
Rated Motor



28 MPH
Max Speed



55 N.M
Torque



25°
Max Uphill

Image: Close-up of the powerful 1200W peak brushless motor.

Premium Comfort

Advanced front & rear suspension absorbs 60% shocks
effortlessly for a smoother ride.



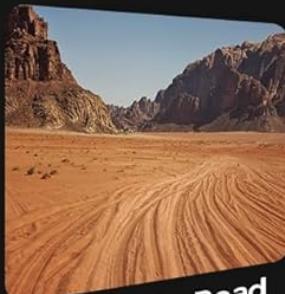
Image: The advanced front suspension system, contributing to riding comfort.

Ride Anywhere, Fear Nothing

These **20"x3"** fat tires feature puncture-proof layers for worry-free adventures on sand, mud, or rocky paths.



City Road



Mountain Road



Sand Road



Snowy Road

Image: The 20"x3" fat tires, suitable for diverse riding conditions including city, mountain, sand, and snow.

WARRANTY INFORMATION

The Jasion EB7 2.0 Electric Bike comes with a **1-Year Limited Warranty**. Additionally, Jasion offers **Extra 1 Year Product Care**. Please refer to the official Jasion website or contact customer support for full warranty terms and conditions.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Jasion Customer Support.

- **Lifetime Technical Guidance:** Jasion provides ongoing technical support for your product.
- **Professional Customer Support Team:** A dedicated team is available to assist you.
- **Response Time:** Inquiries are typically answered within 24 hours during working days.
- **Contact:** Visit the official Jasion store on Amazon for contact options:[Jasion Store](#).

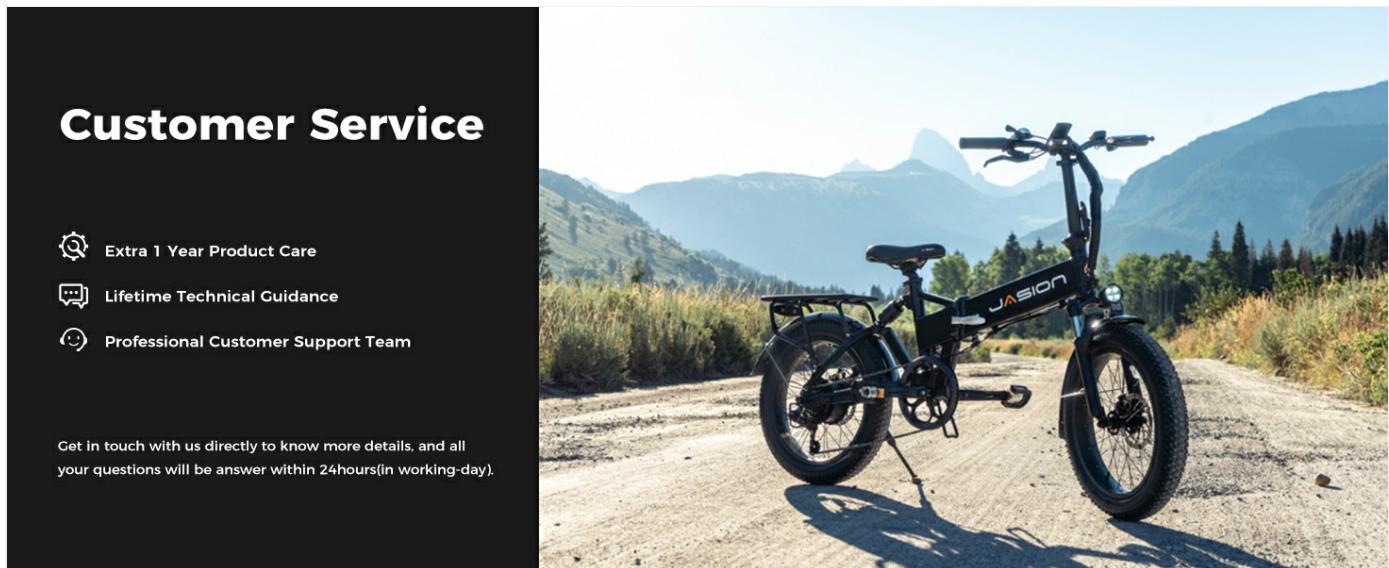


Image: A Jasion electric bike in a natural environment, symbolizing reliable customer support.

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