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Heybike Cityscape2.0

Heybike Cityscape 2.0 Electric Bike User Manual

Model: Cityscape 2.0

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your Heybike Cityscape 2.0 Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Understanding the features and proper handling procedures will ensure a safe and enjoyable riding experience.



Image 1.1: The Heybike Cityscape 2.0 Electric Bike, featuring a black frame, brown seat, and handlebars, with front and rear fenders and a rear cargo rack.

2. SAFETY INFORMATION

Riding an electric bike requires adherence to safety guidelines. Always wear a helmet and appropriate safety gear. Familiarize yourself with local traffic laws and regulations regarding electric bicycles. Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery level.

- Always wear a certified helmet.
- Obey all traffic laws and signals.
- Be aware of your surroundings and other road users.
- Do not ride under the influence of alcohol or drugs.
- Ensure proper lighting is used during low-light conditions.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- Electric Bike Frame (partially assembled)
- Battery
- Charger

- Cargo Rack
- Assembly Tools
- User Manual

4. SETUP AND ASSEMBLY

The Heybike Cityscape 2.0 requires some assembly. Follow the instructions provided in the included assembly guide. Key steps typically include attaching the front wheel, handlebars, pedals, and seat. Ensure all bolts are tightened to the manufacturer's specifications.

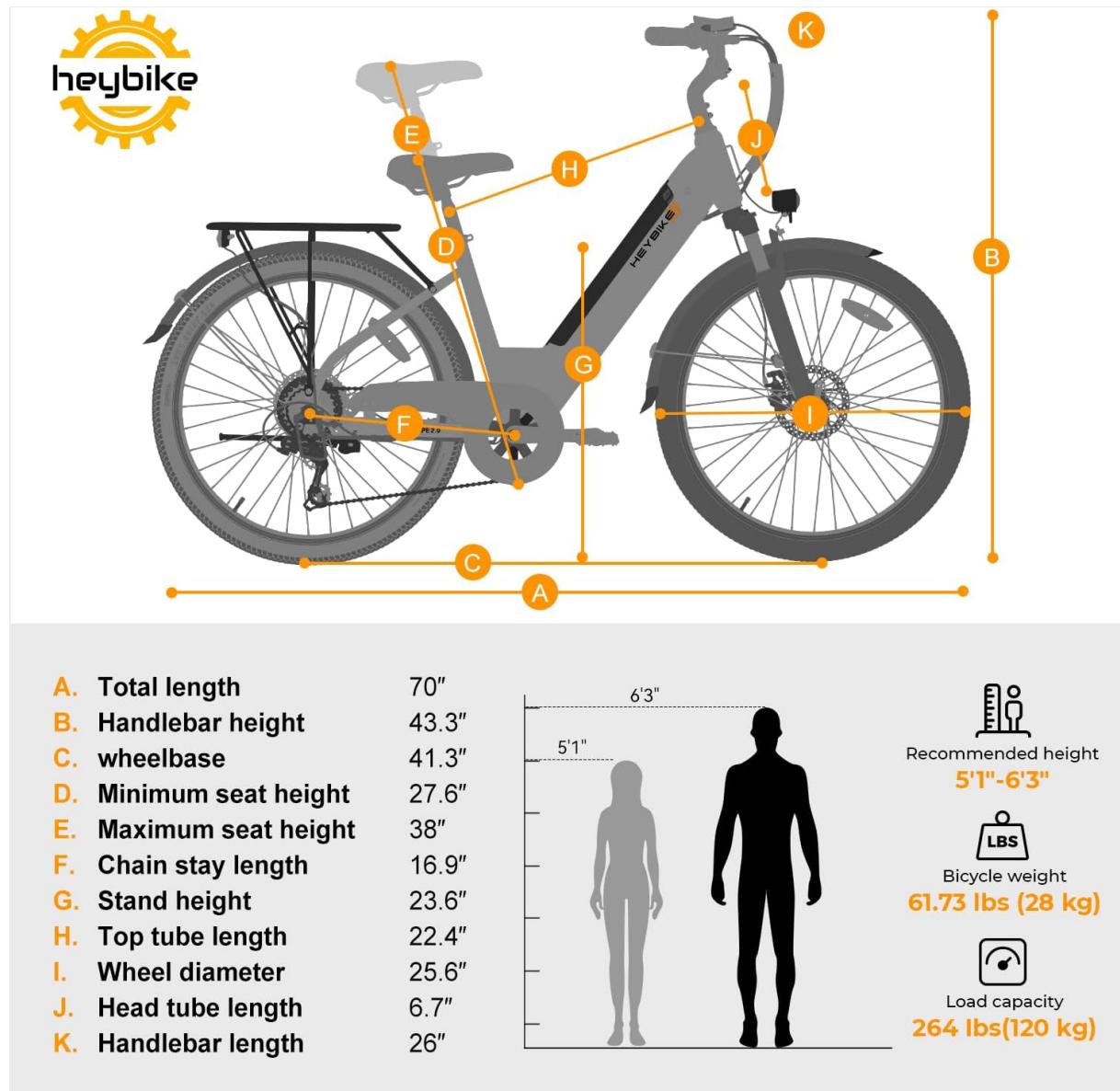


Image 4.1: Diagram illustrating the dimensions of the Heybike Cityscape 2.0 Electric Bike and recommended rider height range (5'1"-6'3").

For optimal comfort and control, adjust the seat height to allow a slight bend in your knee when the pedal is at its lowest point. The recommended height range for riders is 5'1" to 6'3".

5. OPERATING INSTRUCTIONS

5.1 Motor and Power

The Heybike Cityscape 2.0 is equipped with a 500W brushless motor, capable of reaching a peak power of 1000W. This motor provides assistance for speeds up to 24 MPH, facilitating easier navigation through various

terrains and inclines.

500W Powerful Motor

High Torque & Climb Effortlessly

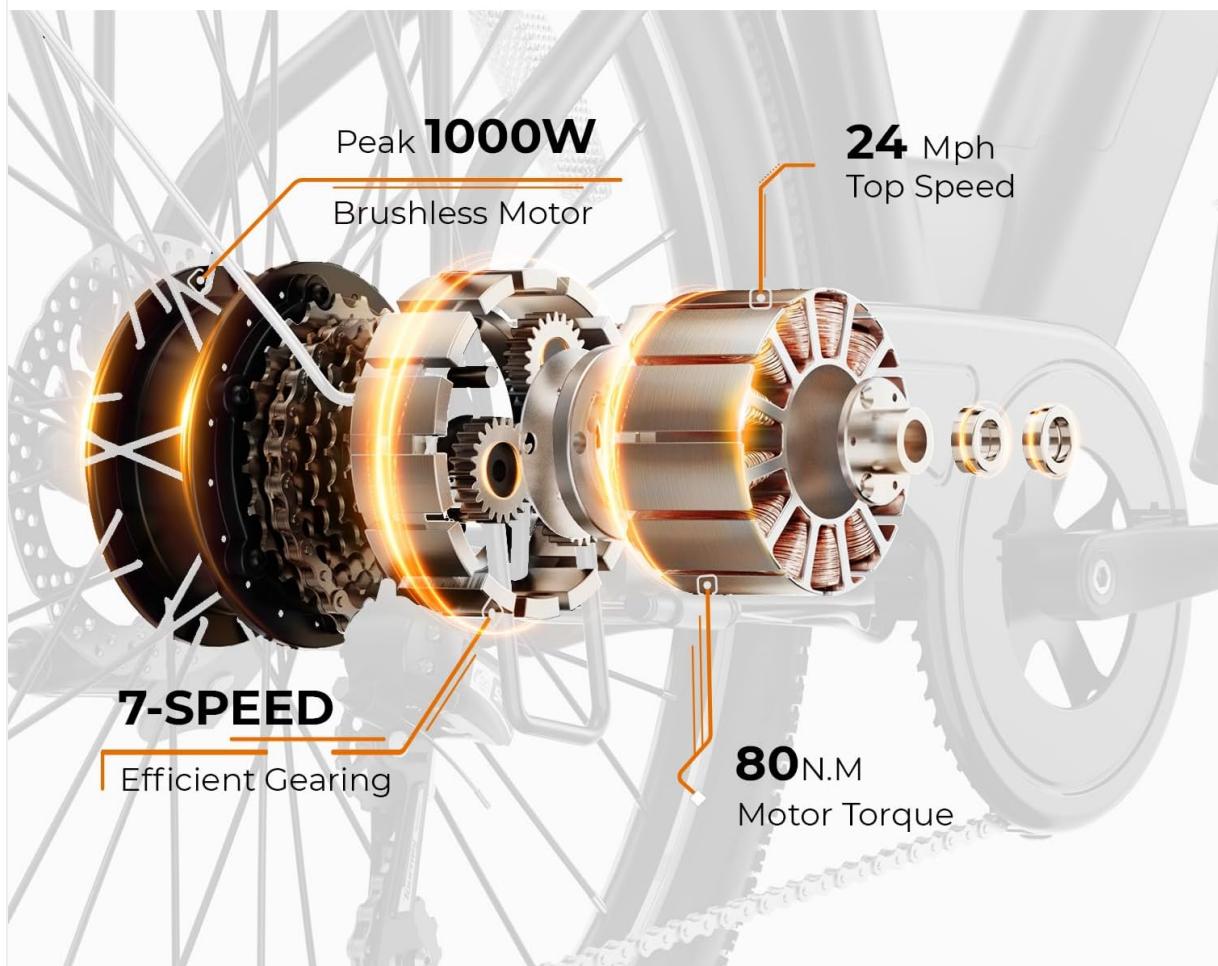


Image 5.1.1: An exploded view diagram detailing the 500W brushless motor with a 1000W peak, 7-speed gearing, and 80N.M motor torque, enabling a top speed of 24 MPH.

5.2 Working Modes

The bike offers three primary working modes:

1. **Throttle Mode:** Engages the motor directly via a thumb throttle, providing power without pedaling. Range: 30-35 miles.
2. **Pedal-Assist Mode:** The motor provides assistance as you pedal. This mode extends range and reduces rider effort. Range: 35-50 miles.
3. **Pedal Only Mode:** Operates as a traditional bicycle with no motor assistance.
4. **Walk-Assist Mode:** Provides low-speed motor assistance for walking the bike.



Image 5.2.1: Visual representation of the four available riding modes: Throttle, Pedal-assist, Pedal only, and Walk-assist.

5.3 Gearing

The Cityscape 2.0 features a 7-speed Shimano gear system, allowing you to adjust your pedaling effort to match terrain and desired speed. Use the shifter on the handlebars to change gears smoothly.



Image 5.3.1: A close-up view of the Shimano 7-speed shifter on the handlebar and the corresponding rear derailleur, illustrating smooth gear changes.

5.4 Display and Controls

An intelligent LCD display provides real-time information such as speed, battery level, and assist mode. The display is controlled via a 3-button interface, allowing you to customize speed levels and monitor your ride data.

Intelligent LCD Display

The clear LCD enhances concentration during driving.



Image 5.4.1: The intelligent LCD display showing current speed, battery status, and other metrics, alongside the lighting control buttons, 7-speed shifter, and thumb throttle.

5.5 Brakes

The bike is equipped with dual-disc brakes for reliable stopping power. Regularly check brake pads and rotors for wear and ensure proper adjustment for optimal safety.



Image 5.5.1: Detailed view of the front and rear dual disc brakes, highlighting their quick response for effective braking.

5.6 Suspension

The front suspension fork absorbs shocks and vibrations, providing a smoother and more comfortable ride, especially on uneven surfaces. The fork can be locked for more efficient pedaling on smooth roads.



Image 5.6.1: The lockable and shockproof front fork, designed to provide comfort and stability across various terrains including city roads, soil, travel, and snow.

5.7 Lighting

Integrated LED headlights, reflectors, and rear taillights ensure visibility for both the rider and others, enhancing safety during day and night rides. The rear light also functions as a brake light.



Image 5.7.1: Close-up view of the integrated LED headlight, wheel reflectors, and rear taillight, designed to illuminate your path and ensure visibility.

6. BATTERY INFORMATION

The Heybike Cityscape 2.0 is powered by a UL-certified 468Wh (36V 13Ah) lithium-ion battery. This battery is IPX6 waterproof, offering enhanced protection against moisture. Its removable design allows for convenient charging both on and off the bike.

Upgraded Internal Battery

Lower the risk of theft. Enhanced protection. Waterproof

The image shows a side-by-side comparison of two battery components. On the left is the 'CITYSCAPE' battery, which is 360Wh (36V 10Ah) and has a capacity of 'UP TO 40' miles. On the right is the 'CITYSCAPE 2.0' battery, which is 468Wh (36V 13Ah) and has a capacity of 'UP TO 50' miles. A large 'VS' symbol is positioned between them, indicating a comparison. Below the batteries, four icons represent different features: 'REMOVEABLE' (a battery with a pin), 'BMS' (a battery with a circuit board icon), 'UL CERTIFICATION' (a UL logo), and 'WATERPROOF' (a water droplet icon).

UP TO 50 (468WH)
CITYSCAPE 2.0

UP TO 40 (360WH)
CITYSCAPE

VS

REMOVEABLE

BMS

UL CERTIFICATION

WATERPROOF

Image 6.1.1: A visual comparison showing the upgraded 468Wh battery of the Cityscape 2.0, emphasizing its removable nature, Battery Management System (BMS), UL certification, and IPX6 waterproof rating.

6.1 Charging the Battery

- Connect the charger to a standard wall outlet.
- Connect the charger to the battery charging port.
- The indicator light on the charger will show charging status (typically red for charging, green for fully charged).
- Do not overcharge the battery. Disconnect once fully charged.
- Charge the battery in a dry, well-ventilated area, away from flammable materials.

6.2 Battery Care

- Avoid fully discharging the battery regularly.
- Store the battery in a cool, dry place when not in use.
- If storing for extended periods, charge the battery to 50-70% every 2-3 months.
- Do not expose the battery to extreme temperatures.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

7.1 General Cleaning

Clean the bike regularly with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.

7.2 Tires

The bike features 26" x 1.95" puncture-resistant tires. Maintain recommended tire pressure for optimal performance and to reduce the risk of punctures. Inspect tires for wear, cuts, or embedded objects before each ride.

7.3 Brakes

Check brake lever tension and brake pad wear regularly. Replace worn brake pads promptly. Ensure brake calipers are clean and free of debris.

7.4 Chain and Drivetrain

Keep the chain clean and lubricated. Inspect the chain, gears, and derailleur for any damage or misalignment. A chain guard is included to protect the chain and rider's clothing.

7.5 Fasteners

Periodically check all bolts, nuts, and quick releases to ensure they are securely tightened.

Subtle Details

Wide & Comfortable



Ergonomic riding design



Crank Protection



IPX6 Rating



Image 7.5.1: Key design elements including the wide and comfortable seat, ergonomic frame, crank protection, and IPX6 waterproof rating for durability.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your Heybike Cityscape 2.0.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, power cable loose	Charge battery, ensure battery is fully inserted, check all cable connections.
Motor not assisting	Assist level set to zero, brake levers engaged, motor cable loose	Increase assist level on display, ensure brake levers are not squeezed, check motor cable connection.
Brakes making noise	Worn brake pads, dirty rotors, misaligned calipers	Inspect and replace brake pads, clean rotors, adjust brake calipers.
Gears not shifting smoothly	Derailleur out of adjustment, dirty/dry chain, bent hanger	Adjust derailleur, clean and lubricate chain, inspect hanger for damage.

If you encounter issues not listed here or cannot resolve a problem, please contact Heybike customer support.

9. SPECIFICATIONS

Detailed specifications for the Heybike Cityscape 2.0 Electric Bike:

Bike Type: Electric Bike

Brand: Heybike

Model Name: Cityscape2.0

Age Range: Adult

Motor: 500W (Peak 1000W) Brushless

Battery: 468Wh (36V 13Ah) UL Certified, IPX6 Waterproof, Removable Lithium-ion

Max Speed: 24 MPH

Range: Up to 50 miles (Pedal-Assist Mode)

Number of Speeds: 7 (Shimano)

Wheel Size: 26 Inches

Tires: 26" x 1.95" Puncture-Resistant

Frame Material: Carbon Steel

Suspension Type: Front

Brake Style: Disc (Dual-Disc)

Special Feature: LCD-Display

Item Weight: 61.73 Pounds (28 kg)

Maximum Weight Recommendation: 264 Pounds (120 kg)

Assembly Required: Yes

UPC: 727567702665

10. WARRANTY AND SUPPORT

Your Heybike Cityscape 2.0 Electric Bike comes with a 1-year manufacturer's limited warranty, covering defects in materials and workmanship under normal use. Please refer to the warranty card included with your purchase for full terms and conditions.

Customer Support

For any questions, technical assistance, or warranty claims, please contact Heybike customer support:

Call Center: +1 888-301-6908 or +1 888-859-1518 (Mon-Sat, 7:00-16:00 PST)

Email Support: support@heybike.com



Image 10.1.1: Heybike customer service details, including phone numbers and a QR code for email support.

Related Documents - Cityscape2.0

	Heybike Cityscape Electric Bike User Manual Comprehensive user manual for the Heybike Cityscape electric bike, covering assembly, operation, safety, maintenance, specifications, and troubleshooting.
	Heybike Cityscape 1.0 Electric Bike User Manual - Assembly, Safety, and Operation Guide Comprehensive user manual for the Heybike Cityscape 1.0 electric bike. Covers detailed assembly steps, crucial safety notices, operation procedures, battery charging, and essential maintenance tips for a safe and enjoyable riding experience.
	Heybike Cityscape 2.0 Electric Bike User Manual Discover the Heybike Cityscape 2.0 Electric Bike User Manual, your comprehensive guide to assembly, operation, maintenance, and troubleshooting. Learn about safety, features, and how to optimize your riding experience with this detailed e-bike instruction manual.
	Heybike Cityscape 2.0 Electric Bike User Manual Comprehensive user manual for the Heybike Cityscape 2.0 electric bike, covering assembly, operation, maintenance, safety guidelines, and troubleshooting.
	Heybike Cityrun Electric Bike User Manual - Assembly, Operation & Maintenance Guide Your complete guide to the Heybike Cityrun electric bike. Learn about assembly, safety, operation, display settings, app connectivity, maintenance, troubleshooting, specifications, and warranty.
	Heybike Cityscape Electric Bike User Manual Comprehensive user manual for the Heybike Cityscape electric bike, covering assembly, operation, safety, maintenance, troubleshooting, and warranty information.