

Heybike Mars 2.0

Heybike Mars 2.0 Electric Bike User Manual

Model: Mars 2.0 | Brand: Heybike

1. INTRODUCTION

Welcome to the Heybike Mars 2.0 Electric Bike User Manual. This guide provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. KEY FEATURES

- **Powerful Performance:** Equipped with a brushless motor offering a peak power of 1400W and a 600Wh lithium-ion battery, enabling speeds up to 28 mph for an exhilarating ride.
- **Smart Connectivity:** Features an intuitive LCD display seamlessly integrated with the Heybike app, allowing riders to adjust modes, monitor battery status, and lock/unlock the bike via smartphone.
- **Foldable and Portable Design:** Designed for convenience with a folded size of 37"x22"x30", ensuring quick and straightforward installation and easy transportation in a car or van.
- **Enhanced Comfort and Versatility:** A full suspension system effectively absorbs shocks for a smoother ride on various terrains. The 20x4 inch puncture-resistant fat tires provide stability and comfort on any surface.
- **Rugged Rear Rack:** The upgraded rear rack supports up to 120 pounds, enhancing the bike's utility for increased cargo capacity and versatility.

3. SETUP AND ASSEMBLY

Your Heybike Mars 2.0 comes mostly pre-assembled. Follow these steps for final setup:

1. **Unpacking:** Carefully remove the bike from its packaging.
2. **Unfolding:** Unfold the frame, stem, and pedals. Ensure all quick-release levers are securely fastened.
3. **Handlebar and Seat Adjustment:** Adjust the handlebar and seat height to your comfortable riding position. Ensure the seat post is inserted past the minimum insertion line.
4. **Battery Installation:** Insert the removable battery into its compartment and ensure it clicks securely into place.
5. **Pre-Ride Checks:** Before your first ride, check tire pressure, brake functionality, and ensure all bolts and quick releases are tightened.



Figure 3.1: Heybike Mars 2.0 Electric Bike, fully assembled.

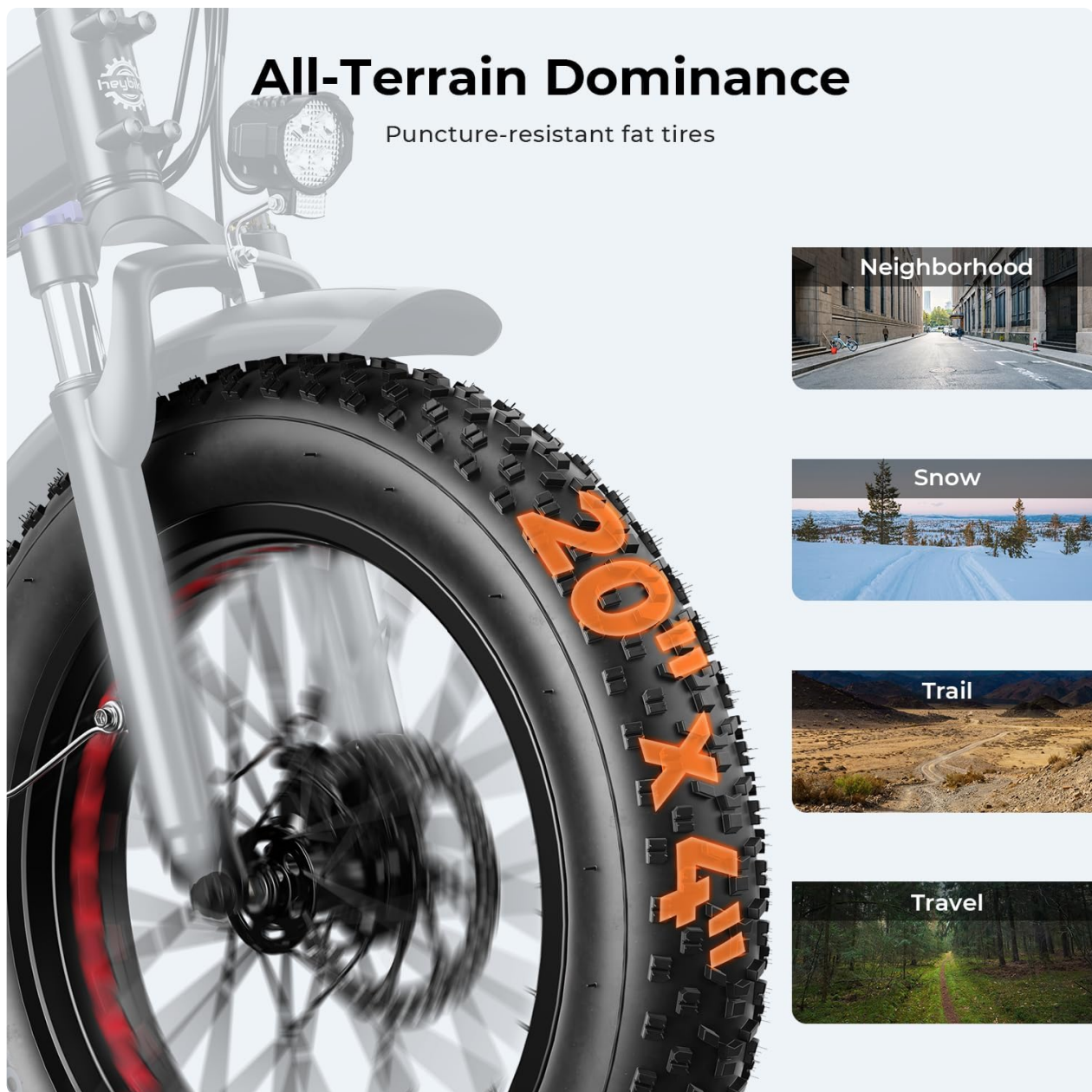


Figure 3.2: The Heybike Mars 2.0 in its folded and unfolded states, demonstrating its compact design for storage and transport.

Strong & Foldable

Easy to carry and hold more



Warm tips: Manual measurement will have a slight error, subject to the actual size.



Figure 3.3: Detailed dimensions and recommended rider height for the Heybike Mars 2.0.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on your Heybike Mars 2.0, press and hold the power button on the LCD display. To power off, press and hold the same button until the display turns off.

4.2 Riding Modes

The Heybike Mars 2.0 offers three distinct riding modes:

- **Pedal-Assist Mode (PAS):** Provides electric assistance as you pedal. Adjust the assist level via the display or app.
- **Throttle Mode:** Engages the motor without pedaling. Simply twist the throttle for power.
- **Walking Mode:** Provides low-speed assistance for pushing the bike when walking.

Three Riding Modes

Versatile Riding

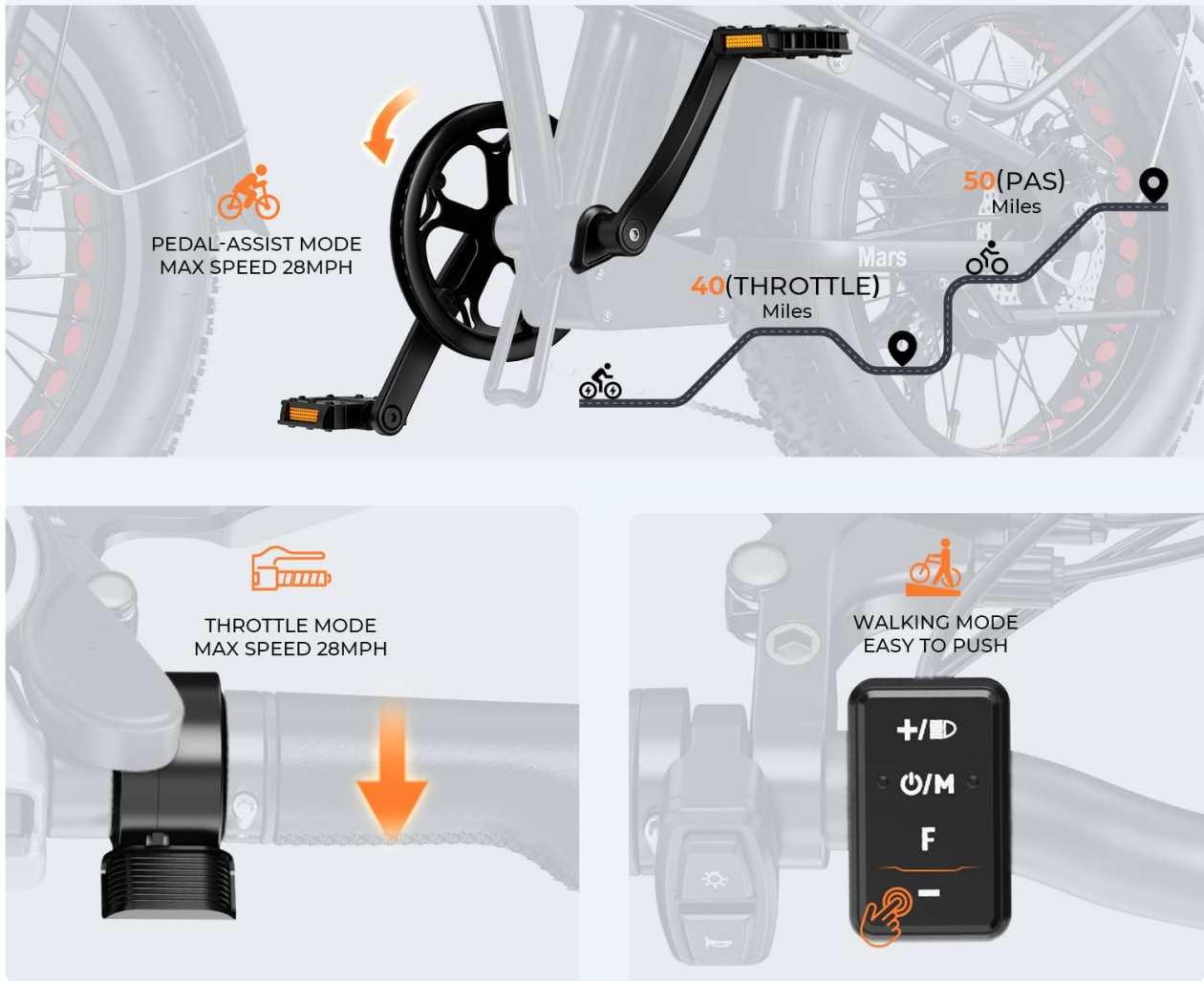


Figure 4.1: Illustration of the three versatile riding modes available on the Heybike Mars 2.0.

4.3 Gear Shifting

Your Heybike Mars 2.0 is equipped with a Shimano 7-speed gear shift system. Use the shifter on the handlebar to change gears, allowing you to adapt to different terrains and riding conditions efficiently.

4.4 Smart App Connectivity

Enhance your riding experience by connecting your Heybike Mars 2.0 to the Heybike app. The app allows for advanced control, ride data tracking, and personalized settings.

Ultimate Work Commute



Figure 4.2: The Heybike app interface on a smartphone, demonstrating smart control features for the Mars 2.0.

4.5 Official Product Video

Watch this official video from Heybike Direct to see the Mars 2.0 in action and learn more about its features and capabilities.

Video 4.1: Heybike Mars 2.0 Electric Bike for Adults with 600WH Battery - Official Product Video.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your Heybike Mars 2.0.

- **Battery Care:** Charge the battery fully before first use. Store the battery in a cool, dry place when not in use, and charge it periodically if stored for long periods to maintain its health.
- **Tire Pressure:** Check tire pressure regularly. The recommended pressure for the 20x4 inch fat tires is typically between 5-30 PSI, but always refer to the tire sidewall for exact specifications.
- **Brake Inspection:** Periodically inspect brake pads and rotors for wear. Ensure brake levers engage

smoothly and provide adequate stopping power.

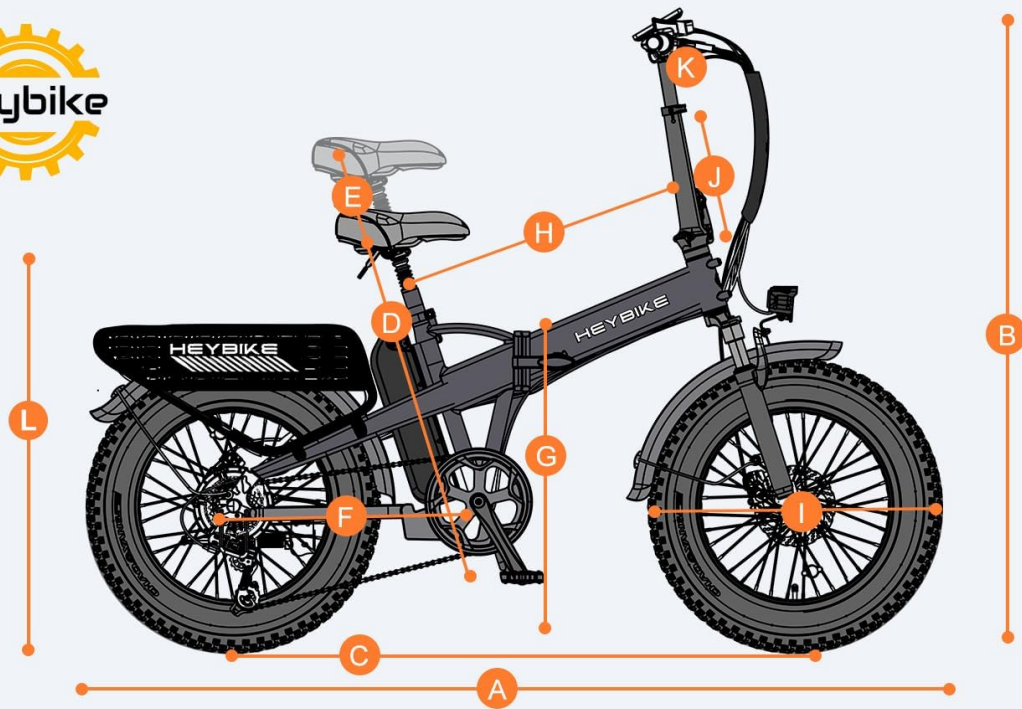
- **Cleaning:** Clean your bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear shifting and prevent rust.

Bouncy Thrill

Double Fun in Coil Suspension



Figure 5.1: The dual suspension system of the Heybike Mars 2.0, contributing to a comfortable ride.



A. Total length	69"
B. Handlebar height	47-52"
C. wheelbase	45"
D. Minimum seat height	34"
E. Maximum seat height	39.5"
F. Chain stay length	19"
G. Stand height	26"
H. Top tube length	23"
I. Wheel diameter	22"
J. Head tube length	12"
K. Handlebar length	18"
L. Minimum inseam length	34"



Recommended height
5'5"-6'3"



Bicycle weight
77LBS



Load capacity
MAX 330LBS

Figure 5.2: The robust 20x4 inch fat tire, designed for puncture resistance and all-terrain dominance.

6. TROUBLESHOOTING

If you encounter issues with your Heybike Mars 2.0, consider the following common solutions:

- **Bike Not Powering On:** Check if the battery is fully charged and properly seated. Ensure all electrical connections are secure.
- **Motor Not Assisting:** Verify that pedal-assist or throttle mode is engaged. Check battery level. Ensure no error codes are displayed on the LCD.
- **Brakes Squealing/Ineffective:** Inspect brake pads for wear or contamination. Clean rotors if necessary. If issues persist, professional adjustment may be required.
- **Unusual Noises:** Check for loose components, chain issues, or debris caught in moving parts.

For persistent issues or complex repairs, please contact Heybike customer support.

7. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Model Name	Mars 2.0
Brand	Heybike
Age Range (Description)	Adult
Color	Black
Frame Material	Aluminum
Wheel Size	20 Inches
Tire Size	20 inch×4
Number of Speeds	7
Suspension Type	Dual
Brake Style	Disc
Power Source	Battery
Lithium Battery Energy Content	600 Watt Hours
Max Load Capacity	330 lbs
Bicycle Weight	77 lbs
Recommended Height	5'5"-6'3"
Min. Inseam Length	34"
Skill Level	Beginner to Intermediate
Special Features	Disc, adjustable, Accessory pockets, Folding, LCD-Display

Feature	Detail
Included Components	Removable lithium-ion battery, rear rack, fenders, kickstand, spring fork, Shimano 7-speed gear shift system, Shimano 7 speed rear derailleur

8. SAFETY GUIDELINES

Your safety is paramount. Always adhere to these guidelines when operating your Heybike Mars 2.0:

- **Wear a Helmet:** Always wear an approved bicycle helmet that fits properly.
- **Follow Traffic Laws:** Obey all local traffic laws, regulations, and signs.
- **Pre-Ride Check:** Before each ride, perform a quick check of brakes, tires, battery, and all connections.
- **Be Aware of Surroundings:** Ride defensively and be mindful of pedestrians, other vehicles, and road conditions.
- **Avoid Distractions:** Do not use mobile devices or wear headphones that impair your hearing while riding.
- **Weather Conditions:** Exercise caution when riding in wet or adverse weather conditions, as braking distance may increase.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Heybike Mars 2.0 Electric Bike comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Heybike customer support through their official website or the contact information provided with your purchase. Our dedicated team is ready to assist you.

- **Online Support:** Visit the official Heybike website for FAQs, troubleshooting guides, and contact forms.
- **Email Support:** Refer to your product packaging or purchase confirmation for the customer support email address.

