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Heybike Mars

Heybike Mars Electric Bike Instruction Manual

Model: Mars

1. SAFETY INFORMATION

Before operating your Heybike Mars Electric Bike, please read this manual thoroughly to ensure safe and proper use. Failure to follow safety guidelines may result in injury or damage to the product.

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are securely fastened before each ride.
- Check tire pressure, brakes, and battery level before use.
- Do not operate the e-bike under the influence of alcohol or drugs.
- Adhere to local traffic laws and regulations.
- Avoid riding in adverse weather conditions or on excessively rough terrain if unfamiliar with the bike's capabilities.
- The maximum weight recommendation for this e-bike is 330 pounds.

2. SETUP

The Heybike Mars Electric Bike comes largely pre-assembled, minimizing setup time. Follow these steps to prepare your bike for its first ride.

2.1 Unpacking and Initial Inspection

Carefully remove the e-bike from its packaging. Inspect for any visible damage that may have occurred during shipping. The bike is securely packed to prevent damage.



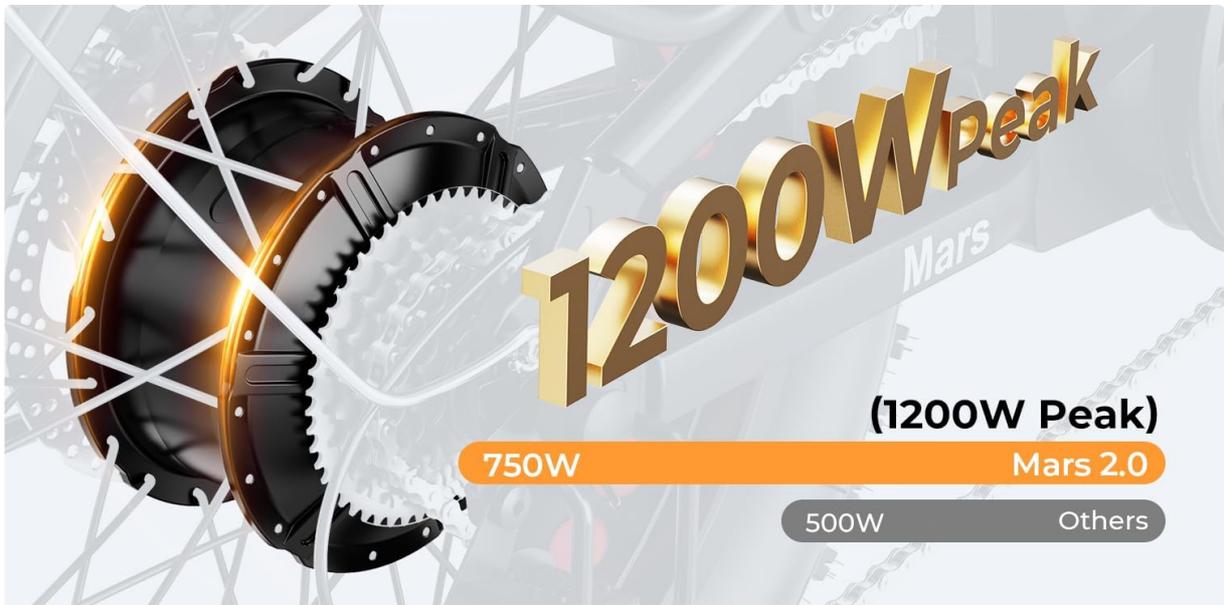
Image: Heybike Mars Electric Bike being carefully removed from its shipping box, showing protective packaging.

2.2 Handlebar and Pedal Installation

The handlebars and pedals require minimal adjustment or installation. Ensure they are tightened according to the included tool kit instructions.

2.3 Battery Charging

The 48V 12.5Ah (600Wh) lithium battery should be fully charged before the first use. The battery can be charged while installed on the bike or removed. A full charge typically takes approximately 5 hours.



Break the Limit

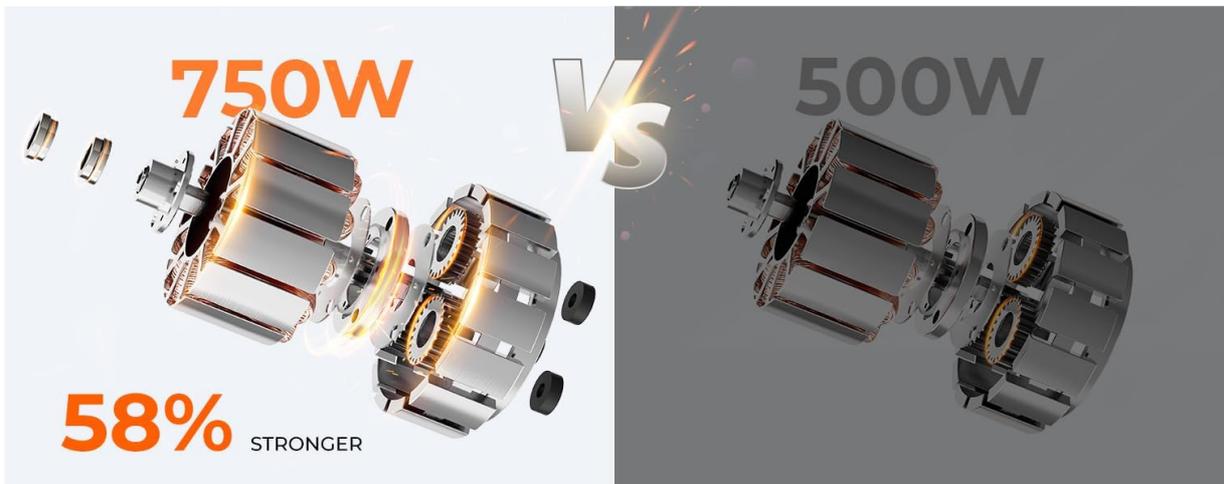


Image: Close-up of the removable 48V 12.5Ah battery being charged with the provided charger. The charger's indicator light is green, indicating a full charge.

2.4 Adjusting Seat and Handlebars

Adjust the seat height and handlebar position for a comfortable and safe riding posture. Ensure your feet can touch the ground when stopped. The seat post features suspension for added comfort.

Ultimate Work Commute



Image: Diagram illustrating the adjustable seat height and handlebar height of the Heybike Mars Electric Bike, along with recommended rider height ranges.

3. OPERATING INSTRUCTIONS

Your Heybike Mars Electric Bike offers multiple riding modes to suit various preferences and terrains.

3.1 Powering On/Off

Insert the key into the battery lock and turn it to the 'On' position. Press and hold the power button on the display unit to turn the e-bike system on or off.

3.2 Riding Modes

The Heybike Mars features three riding modes:

- **Pedal Only:** Ride the bike like a traditional bicycle using the 7-speed Shimano shifter.
- **Pedal Assist (PAS):** The motor provides assistance as you pedal. Adjust the assist level (0-5 or 0-9, depending on settings) via the display unit. Max speed up to 28 MPH.
- **Throttle Mode:** Use the thumb throttle on the right handlebar for motor power without pedaling. Max speed up to 28 MPH.

Three Riding Modes

Versatile Riding

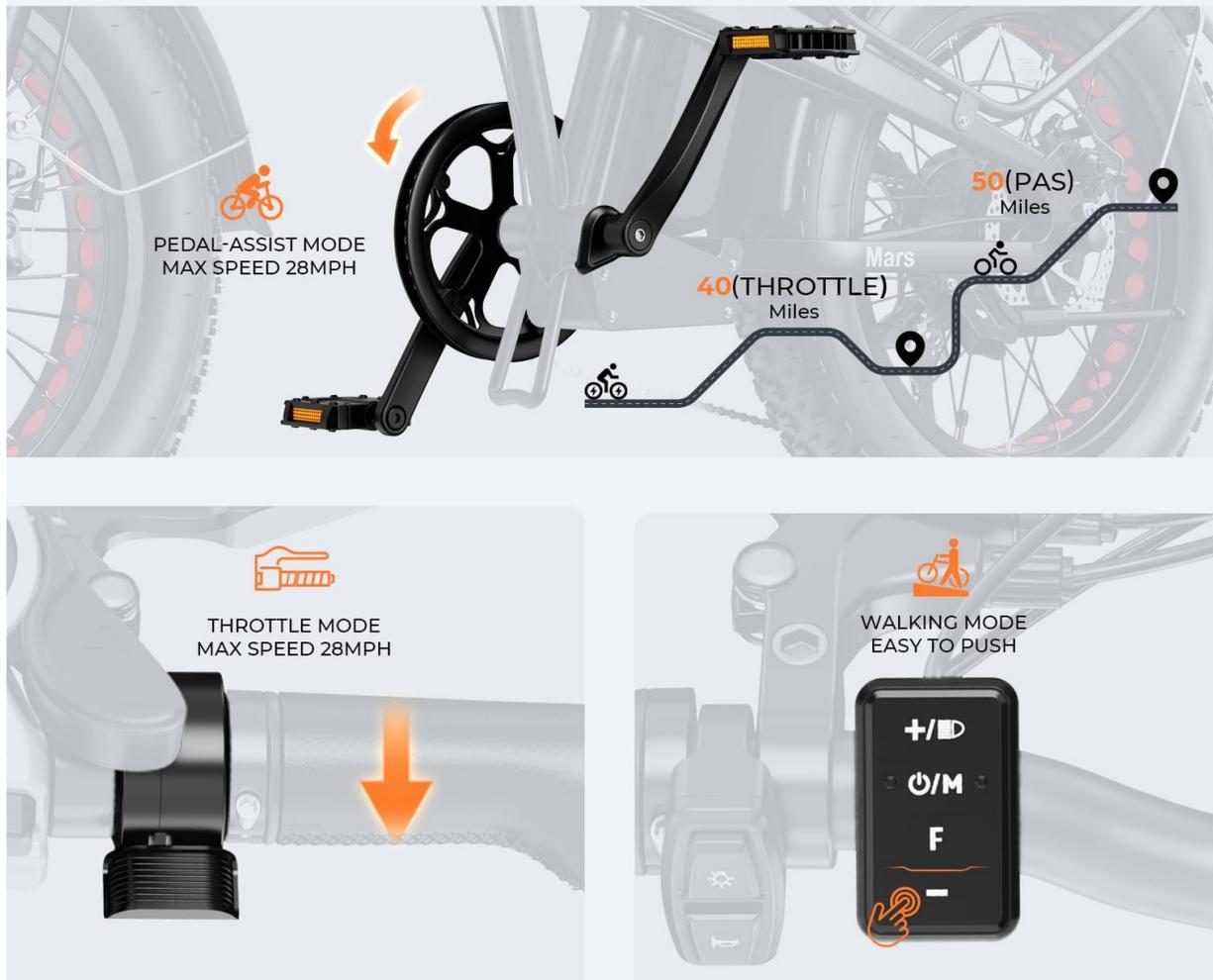


Image: Visual representation of the three riding modes: Pedal-Assist, Throttle, and Walking Mode, with corresponding speed and range indicators.

3.3 Braking System

The e-bike is equipped with dual disc brakes for reliable stopping power. Squeeze both brake levers simultaneously for effective braking. The brake system also includes a flash feature for increased visibility.

3.4 Lighting and Horn

Activate the front headlight and rear taillight using the controls on the handlebar for improved visibility during low-light conditions. The integrated horn can be used to alert others.

3.5 Folding Mechanism

To fold the Heybike Mars, release the frame latch and fold the main frame. Lower the handlebar stem and fold the pedals. This compact design allows for easy 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.



Image: Step-by-step illustration of how to fold the Heybike Mars Electric Bike, showing the frame hinge and handlebar folding points.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Heybike Mars Electric Bike.

4.1 Battery Care

- Charge the battery after every ride to prolong its lifespan.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place when not in use.

4.2 Tire Maintenance

The 20-inch fat tires are puncture-resistant. Regularly check tire pressure and inspect for wear or damage. Maintain recommended pressure for optimal riding and battery range.

All-Terrain Dominance

Puncture-resistant fat tires



Neighborhood



Snow



Trail



Travel

Image: Close-up of the 20-inch fat tires of the Heybike Mars Electric Bike, highlighting their robust tread suitable for various terrains like neighborhood streets, snow, trails, and travel paths.

4.3 Brake System Check

Periodically inspect the disc brakes for proper function and wear on the brake pads. Adjust as needed to ensure responsive braking.

4.4 General Cleaning

Clean the e-bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

5. TROUBLESHOOTING

If you encounter issues with your Heybike Mars, refer to this section for common problems and solutions.

- **E-bike not powering on:** Ensure the battery is fully charged and properly inserted, and the key is in the 'On' position. Check all cable connections.
- **Motor not assisting:** Verify that Pedal Assist (PAS) mode is active and the assist level is set above zero. If using throttle, ensure it is engaged correctly.
- **Reduced range:** Battery range can be affected by rider weight, terrain, wind conditions, and assist level usage. Ensure tires are properly inflated.
- **Brake noise:** Check brake pads for wear and ensure disc rotors are clean. Adjust brake calipers if necessary.

For persistent issues not covered here, please contact Heybike customer support.

6. SPECIFICATIONS

Bike Type	Electric Bike
Model Name	Mars
Motor	500W Brushless Geared Motor (Peak 1500W)
Battery	48V 12.5Ah (600Wh) Removable Lithium Battery
Top Speed	Up to 28 MPH
Range	Up to 60 Miles (Pedal Assist)
Wheel Size	20 Inches
Tires	4-inch Wide Puncture-Resistant Fat Tires
Frame Material	Aluminum
Suspension Type	Dual (Front Fork & Seat Post)
Number of Speeds	7 (Shimano Shifter)
Brake Style	Disc
Item Weight	66 Pounds
Maximum Weight Recommendation	330 Pounds
Included Components	Battery, Electric Bike, Tool Kit, Cargo Rack, Charger

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Heybike Mars Electric Bike comes with a 1-Year Manufacturer Limited Warranty. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any questions, technical assistance, or warranty inquiries, please visit the official Heybike website or contact their customer support team. You can also visit the [Heybike Store on Amazon](#) for additional resources.