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› Heybike YM1 Electric Mountain Bike User Manual

Heybike YM1

Heybike YM1 Electric Mountain Bike User Manual

Model: YM1

INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Heybike YM1 Electric Mountain Bike. Please read this manual thoroughly before your first ride and keep it for future reference.



Image: The Heybike YM1 Electric Mountain Bike, showcasing its design and features.

SAFETY GUIDELINES

Always prioritize safety when operating your electric bike.

- Wear a helmet and appropriate safety gear.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use.
- Do not ride under the influence of alcohol or drugs.
- Ensure the battery is securely locked before riding.
- Avoid riding in adverse weather conditions or on slippery surfaces.

SETUP AND ASSEMBLY

Your Heybike YM1 Electric Mountain Bike arrives approximately 90% pre-assembled. The final assembly steps are designed to be straightforward.

Initial Assembly Steps:

1. Unpack the bicycle and remove all packaging materials.
2. Attach the front wheel, handlebars, seat post, and pedals.
3. Ensure all bolts and quick releases are securely tightened.
4. Inflate tires to the recommended pressure.
5. Charge the battery fully before the first ride.

Refer to the detailed assembly instructions provided in the included user manual for step-by-step guidance.



Image: Diagram illustrating the dimensions and key components of the Heybike YM1 Electric Bike, including seat tube, chainstay, effective top tube, head tube, handlebar height, minimum and maximum seat height, wheelbase, wheel diameter, and total length.

OPERATING INSTRUCTIONS

Battery Operation and Charging

The Heybike YM1 is equipped with a 48V 10Ah (480WH) removable lithium battery.

- **Charging:** Connect the charger to the battery and a power outlet. A full charge typically takes 5-6 hours. The battery features overcharge protection.
- **Removal:** The battery is removable for convenient charging or storage. Ensure it is securely locked into the frame before riding.
- **Range:** Expect a range of 31-50 miles per charge, depending on riding mode, terrain, and rider weight.



Image: Illustration of the Heybike YM1's 480WH removable lithium battery, highlighting its fast charging, longer lifespan, and overcharge protection features.

Motor and Performance

The bike features a powerful 1200W peak brushless motor, providing reliable assistance and speeds up to 28 MPH.

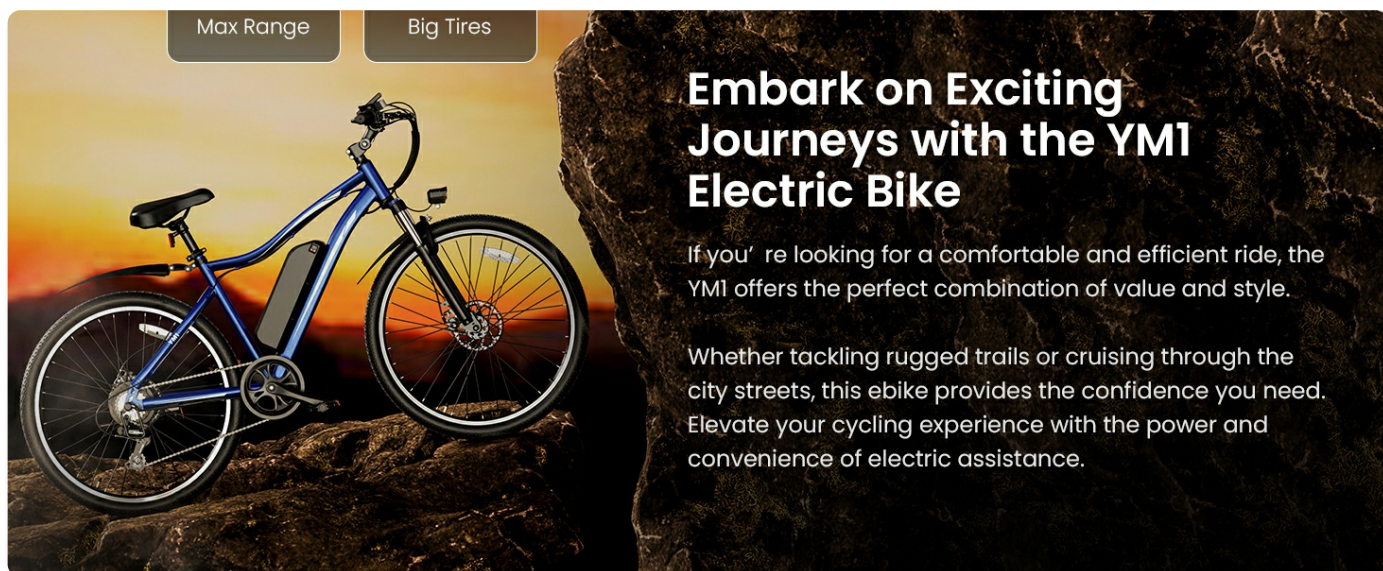


Image: Detailed view of the Heybike YM1's 1200W peak brushless motor, illustrating its internal components and stable power output characteristics.

Riding Modes

The Heybike YM1 offers four distinct riding modes:

- **PAS Mode (Pedal Assist System):** Provides motor assistance while you pedal. Select from levels 1 to 3 for varying degrees of assistance.
- **Pure Electric Mode:** Engage the twist throttle for motor power without pedaling.
- **PAS and Electric Combination Mode:** Combines pedal assist with throttle for extended range and reduced fatigue.
- **Pedal Mode:** Ride the bike like a traditional bicycle with no motor assistance.



Embark on Exciting Journeys with the YM1 Electric Bike

If you're looking for a comfortable and efficient ride, the YM1 offers the perfect combination of value and style.

Whether tackling rugged trails or cruising through the city streets, this ebike provides the confidence you need. Elevate your cycling experience with the power and convenience of electric assistance.

Image: Visual representation of the Heybike YM1's 3+1 riding modes, showing estimated ranges for Throttle Mode, Walk-Assist Mode, Pedal-Assist Mode, and Pedal Only Mode.

LCD Display

The smart LCD display provides real-time information about your ride.

- **Battery Indicator:** Shows current battery charge level.
- **Speed:** Displays current riding speed.
- **Mileage:** Tracks trip distance and total odometer.
- **Lighting:** Indicates headlight status.
- **Fault Alert:** Notifies of any system errors.
- **PAS Level:** Shows the current pedal assist level.



Image: Close-up of the Heybike YM1's intelligent LCD display, detailing its various indicators for battery level, speed, mileage, lighting, fault alerts, and PAS level.

Gears and Brakes

- **7-Speed Gear System:** The Shimano 7-speed gear system allows for smooth and precise shifting, adapting to various terrains.
- **Dual Disc Brakes:** Equipped with front and rear disc brakes for reliable and efficient stopping power.

1200W Peak Powerful Motor

Designed for smooth acceleration and peak performance, the 750W Peak Motor takes your ebike to the next level. Ride further, faster, and with confidence!

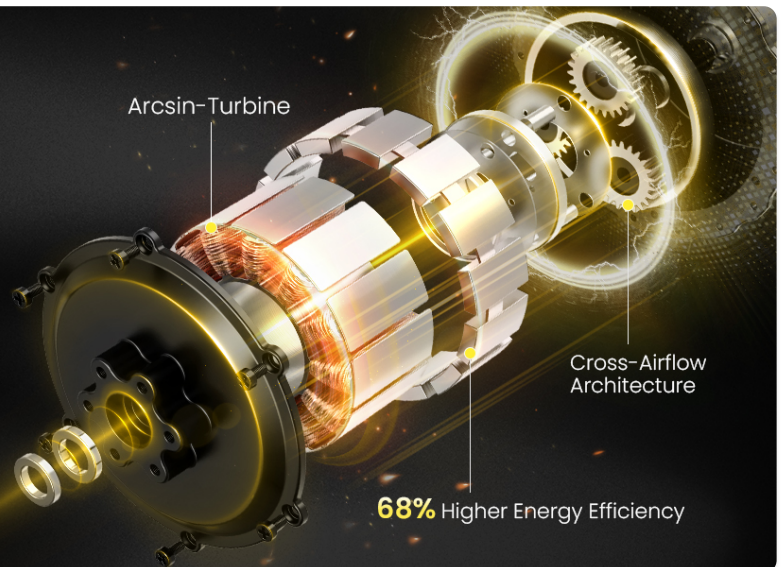


Image: Illustration of the Heybike YM1's smooth 7-speed gear system, highlighting the Shimano derailleur and chain mechanism.

Lockable Front Suspension Fork

Minimizes bumps in your ride, creates comfortable riding!

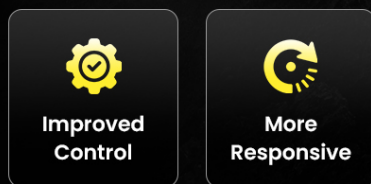


Image: Diagram demonstrating the efficient dual disc brakes of the Heybike YM1, showing the front and rear brake mechanisms for stable stopping.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Heybike YM1.

- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its health. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. The 27.5-inch puncture-resistant tires require proper inflation for optimal performance and safety.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Adjust brakes as needed to ensure responsive stopping.
- **Chain Lubrication:** Keep the chain clean and lubricated for smooth gear changes and to prevent wear.
- **General Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Checks:** Periodically check all bolts, nuts, and quick releases for tightness.



Image: Features of the Heybike YM1 including the ergonomic seat, durable fenders, adjustable riser, reflective warning device, and bright LED front light, all contributing to comfort and safety.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Heybike YM1.

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged, battery not properly seated, power cable loose.	Ensure battery is charged and securely installed. Check all connections.
Motor not assisting / Lacking power	Low battery, incorrect PAS level, motor connection issue, fault alert on display.	Charge battery. Increase PAS level. Check display for error codes. Contact support if issue persists.
Brakes rubbing or ineffective	Brake pads misaligned, worn pads, cable tension incorrect.	Adjust brake calipers or cable tension. Replace worn brake pads. Consult a bike mechanic if unsure.
Gears not shifting smoothly	Derailleur misalignment, dirty or dry chain, bent hanger.	Clean and lubricate the chain. Adjust derailleur. Seek professional assistance for bent components.

For issues not listed here or if solutions do not resolve the problem, please contact Heybike customer support.

SPECIFICATIONS

Feature	Detail
Model Name	Heybike YM1
Bike Type	Electric Mountain Bike, Hybrid Bike
Motor	1200W Peak Brushless Motor
Battery	48V 10Ah (480WH) Removable Lithium Battery
Max Speed	Up to 28 MPH
Range per Charge	31-50 Miles (depending on mode and conditions)

Feature	Detail
Charging Time	5-6 hours
Wheel Size	27.5 Inches
Gears	7-Speed Shimano Gear System
Brakes	Dual Disc Brakes
Suspension	Front Suspension Fork (Lockable)
Max Load Capacity	330 LBS
Bicycle Weight	57.3 LBS
Recommended Rider Height	5'4" - 6'4"
Included Components	Ebike

WARRANTY INFORMATION

Heybike provides a **12-month warranty** for the YM1 Electric Mountain Bike, covering manufacturing defects and quality-related issues. This warranty ensures quality support and peace of mind for your riding experience. For detailed terms and conditions, please refer to the warranty card included with your product or visit the official Heybike website.

CUSTOMER SUPPORT

Should you have any questions, concerns, or require assistance with your Heybike YM1, our professional support team is available to help.

Call Center:

+1 888-301-6908
+1 888-859-1518
Operating Hours: Monday - Saturday, 7:00 AM - 4:00 PM PST

Email Support: support@heybike.com

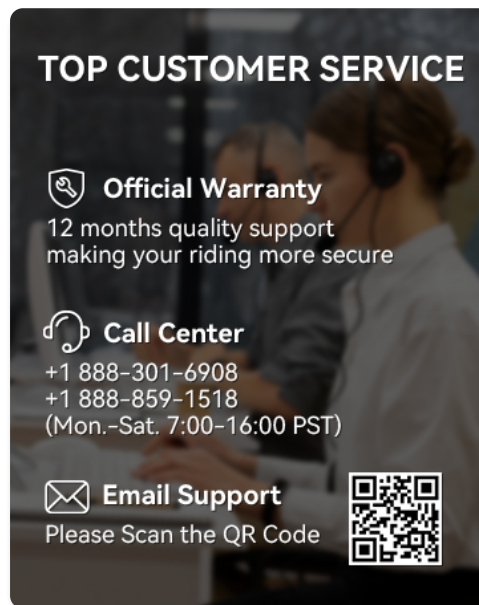


Image: Heybike customer service details, including phone numbers and email support information.

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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.

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