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› Likebike UM1 Fat Tire Electric Bicycle Instruction Manual

Likebike UM1

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Model: UM1

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Likebike UM1 Fat Tire Electric Bicycle. 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 experience.

The Likebike UM1 is designed for versatile riding across various terrains, including city streets, trails, beaches, and snow, thanks to its powerful motor, robust frame, and full suspension system.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations regarding electric bicycles.

- **Pre-Ride Check:** Before each ride, inspect brakes, tire pressure, battery charge, and ensure all quick releases and fasteners are secure.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions. The bike is IPX6 waterproof, but braking distances may increase.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 330 pounds (150 kg).
- **UL Certification:** The Likebike UM1 complies with UL 2849, UL 2271, and UL 1012 safety standards for electrical systems.



Image: The Likebike UM1 is UL certified, ensuring high safety standards for its electrical components.

3. SETUP AND ASSEMBLY

Your Likebike UM1 arrives approximately 90% pre-assembled. The remaining assembly steps are straightforward and can be completed with the included tool kit.

3.1 Unboxing and Initial Inspection

1. Carefully remove the bicycle and all components from the packaging.
2. Check for any visible damage during transit. Contact customer support immediately if you find any issues.
3. Verify all included components against the packing list. A tool kit is provided for assembly.

3.2 Handlebar and Front Wheel Installation

1. Attach the handlebars to the stem, ensuring they are centered and tightened securely.
2. Install the front wheel, making sure the brake rotor is correctly seated within the caliper and the quick release or axle nuts are fully tightened.

3.3 Pedal Installation

1. Identify the left (L) and right (R) pedals.
2. Thread the 'R' pedal into the right crank arm (clockwise) and the 'L' pedal into the left crank arm (counter-clockwise). Tighten firmly with a wrench.

3.4 Battery Charging

1. Locate the removable 48V 20Ah Lithium-ion battery.
2. Before first use, fully charge the battery using the provided charger. The charging time is typically 6-8 hours.
3. Ensure the battery is securely installed in the frame before riding.

TECHNOLOGY & ECO EXPLORATION



48V 20Ah

Removable Battery

Up to 30 Miles Pure Electric

50 Miles Pedal Assist

Fast 6-8 Hour Charge

Image: The removable 48V 20Ah Lithium-ion battery provides power for extended rides.

4. OPERATING INSTRUCTIONS

The Likebike UM1 offers multiple riding modes and features for a customized riding experience.

4.1 Powering On/Off

- To power on, press and hold the power button on the LCD display.
- To power off, press and hold the power button again until the display turns off.

4.2 Riding Modes

The UM1 features three distinct riding modes, selectable via the controls on the handlebar:

- **Pedal-Assist Mode:** Provides motor assistance as you pedal. Adjust the assist level (1-5) for more or less power. This mode offers a range of up to 50 miles.

- **Throttle Only Mode:** Engages the motor without pedaling, similar to a motorcycle. This mode provides a pure electric range of up to 30 miles.
- **Pedal Only Mode:** The motor is disengaged, and the bicycle operates as a traditional bike.

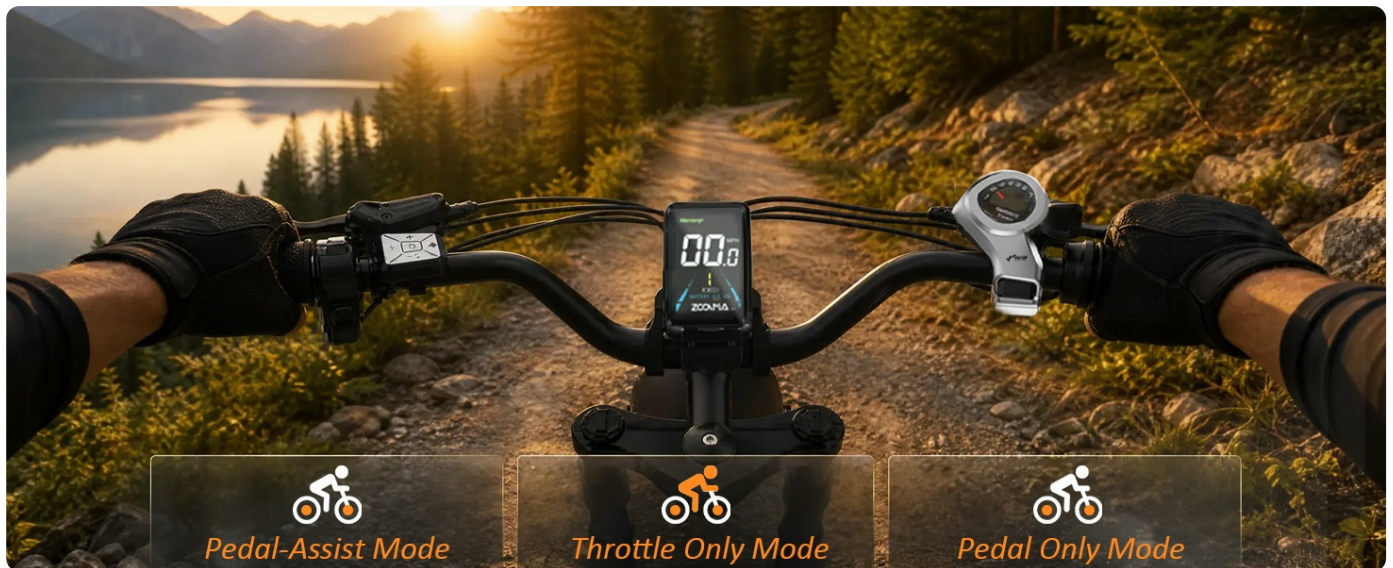


Image: The LCD display shows speed, battery level, and allows selection of pedal-assist, throttle-only, or pedal-only modes.

4.3 LCD Display

The Vertical HD LCD Display provides real-time information:

- Current Speed
- Battery Level
- Mileage (Trip/Odometer)
- Assist Level

4.4 Braking System

The UM1 is equipped with dual-piston hydraulic disc brakes for reliable stopping power in all conditions.

- Apply both front and rear brakes simultaneously for optimal control and shorter stopping distances.
- Avoid sudden, hard braking, especially on loose or wet surfaces.



Image: The hydraulic disc brakes provide consistent and powerful stopping performance.

4.5 Riding on Various Terrains

The 20"x4.0 fat tires and full suspension system allow for comfortable riding on diverse surfaces.

- **Off-Road:** The fat tires provide superior grip on snow, sand, mud, and gravel. The full suspension absorbs bumps for a smoother ride.
- **City/Commuting:** The powerful motor and agile design make it suitable for urban environments.

20" × 4.0

Puncture-Resistant Fat Tires

Sand · Snow · Mud · Gravel

Superior All-Terrain Grip



Image: The 20"x4.0 fat tires offer excellent traction and stability on various surfaces.



Image: The full dual suspension system ensures a comfortable ride by absorbing shocks from rough terrain.

4.6 Official Product Videos

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Video: Real POV Ride: Likebike UM1. This video demonstrates the riding experience from a first-person perspective.

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Video: POV: Riding the UM1 Electric Mountain Bike on Dirt Trails. Experience the UM1's performance on challenging dirt trails.

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Video: Likebike UM1 Fat Tire POV. A point-of-view video showcasing the fat tire capabilities of the UM1.

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Video: POV: Riding the Likebike Fat Tire Electric Mountain Bike. Another POV video demonstrating the bike's performance on mountain trails.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Likebike UM1.

5.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not attempt to open or repair the battery pack.

5.2 Tire Maintenance

- Check tire pressure before each ride. Refer to the tire sidewall for recommended pressure ranges.
- Inspect tires for wear, cuts, or punctures.

5.3 Brake System

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. If they feel spongy, the hydraulic system may need bleeding by a qualified technician.

5.4 Chain and Drivetrain

- Keep the chain clean and lubricated to prevent rust and ensure smooth shifting.
- When performing rear-wheel service, always safely loosen or disconnect the drive chain. **Never cut it.**

5.5 General Cleaning

- Clean the bike with a damp cloth and mild soap. Avoid high-pressure washing, especially near electrical components.
- Dry the bike thoroughly after cleaning.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Likebike UM1.

6.1 No Power to Display/Motor

- **Check Battery:** Ensure the battery is fully charged and securely seated in its compartment.
- **Power Button:** Confirm the power button on the display is pressed and held until the display activates.
- **Connections:** Inspect all visible electrical connections for looseness or damage.

6.2 Motor Not Assisting/Engaging

- **Assist Level:** Verify that a pedal-assist level (1-5) is selected on the display, or that the throttle is engaged.
- **Brake Levers:** Ensure brake levers are not partially engaged, as this can cut power to the motor.
- **Battery Charge:** A low battery charge may limit motor assistance.

6.3 Brakes Feel Spongy or Ineffective

- **Brake Pads:** Check brake pads for wear. Replace if worn down.
- **Hydraulic Fluid:** Spongy brakes often indicate air in the hydraulic lines or low fluid. This requires professional servicing.

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

7. SPECIFICATIONS

Key technical specifications for the Likebike UM1 Fat Tire Electric Bicycle:

Feature	Specification
Model Name	UM1
Bike Type	Electric Bike
Motor Wattage	1500W Peak Power
Battery	48V 20Ah Lithium-ion (Removable)
Pure Electric Range	Up to 30+ miles
Pedal Assist Range	Up to 50 miles
Wheel Size	20 Inches
Tire Type	4.0 Inch Puncture-Resistant Fat Tires
Frame Material	High Carbon Steel
Suspension	Full (Front Hydraulic, Rear Spring)
Brake Style	Hydraulic Disc Brakes (Dual-Piston, 203mm Rotors)
Number of Speeds	7
Maximum Weight Recommendation	330 Pounds (150 kg)
Waterproof Rating	IPX6
Included Components	Tool Kit



Image: The powerful 1500W peak motor provides strong acceleration and hill-climbing capability.

8. WARRANTY INFORMATION

Likebike stands behind the quality of its products. The UM1 Fat Tire Electric Bicycle comes with a **365-day warranty** on core components from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims. The warranty does not cover normal wear and tear, damage from misuse, accidents, or unauthorized modifications.

9. CUSTOMER SUPPORT

For any questions, assistance with assembly, troubleshooting, or warranty claims, our dedicated customer support team is available 24/7.

You can find more information and contact details on the official Likebike store page: [Visit the Likebike Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question

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