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› Likebike U12 2000W Electric Bike User Manual

Likebike UM1

Likebike U12 2000W Electric Bike User Manual

Model: UM1

1. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety instructions before operating the Likebike U12 electric bike. Failure to follow these instructions may result in serious injury or damage to the product.

- **Pre-Ride Inspection:** Always check that all components, including brakes, tires, and battery connections, are secure and functioning correctly before each ride.
- **Age Recommendation:** Riders under 16 years of age should only use the electric bike under adult supervision.
- **Battery Safety:** The 48V 20Ah battery is UL-certified and designed with waterproof and anti-theft features. It can be safely charged indoors or outdoors. Use only the provided 3A charger.
- **Visibility:** Utilize the bright front headlight and rear light with reflective and turn-signal functions for enhanced visibility, especially during nighttime or low-light conditions.
- **Braking:** The mechanical disc brakes provide strong, responsive stopping power. Familiarize yourself with their operation in various conditions.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (approximately 150 kg).
- **Terrain:** This electric bike is designed for mixed terrain. Exercise caution and adjust your riding style to suit the conditions.



Image: UL Certified Complies to UL 2849, UL 2271, UL 1012 for 2024, ensuring product safety standards.

2. SETUP AND ASSEMBLY

The Likebike U12 electric bike arrives 90% pre-assembled. Follow these steps and refer to the assembly video for detailed guidance to complete the remaining setup.

2.1 Unboxing and Initial Inspection

Carefully remove the bike from its packaging. Inspect all components for any signs of damage during transit. Ensure all parts listed in the packing list are present.

48V20AH

LARGE CAPACITY BATTERY

**3A Fast
Charger**



Image: The Likebike U12 electric bike as it appears when first unboxed, partially wrapped in protective materials.

2.2 Rear Fender and Taillight Installation

Attach the rear fender and taillight to the rear frame of the bike. Ensure all screws are tightened securely. The taillight provides crucial visibility from the rear.

7-SPEED GEAR CONTROLLER

7-SPEED GEAR
CONTROLLER

Mileage Record
Speed Monitoring
Battery Level
Indicato
Speed Mode Control

INTELLIGENT LCD DISPLAY



Image: Detailed view of the rear wheel, fender, and taillight assembly, highlighting the dual suspension system.

2.3 Front Wheel and Fender Installation

Install the front fender onto the front fork. Then, carefully align and install the front wheel, ensuring the brake disc is correctly positioned within the caliper. Secure the wheel with the quick-release skewer or axle nuts. Note: The arrow mark on the brake disc should be assembled counterclockwise. Do not use the brake handle before the assembly is completed after removing the yellow gasket from the brake caliper.

2.4 Handlebar and Headlight Attachment

Attach the handlebar to the stem, ensuring it is centered and aligned. Tighten the stem bolts securely. Install the retro headlight onto the front fork and connect its wiring. Note: The black cover and screw on the top need to be used for handlebar assembly. After tightening the top screw, tighten the two screws on the side. Tighten the four screws at the front in the order shown in the video. Avoid uneven locking pressure.



Image: The front of the Likebike U12, showcasing the retro headlight and handlebar setup.

2.5 Pedal Installation

Identify the left (L) and right (R) pedals. The right pedal turns clockwise to tighten, and the left pedal turns counterclockwise to tighten. Ensure they are securely fastened to the crank arms.

2.6 Battery Installation and Charging

Insert the 48V 20Ah removable battery into its compartment on the bike frame. Lock it securely with the provided key. Before your first ride, fully charge the battery using the 3A charger. Charging typically takes 5-7 hours. The battery level indicator light can only be checked after the battery switch is turned on.



Image: The Likebike U12 electric bike with its large capacity 48V 20Ah battery being charged by a 3A fast charger.

2.7 Assembly Video

For a visual guide, please watch the official assembly video:

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Video: Detailed unboxing and assembly instructions for the Likebike U12 electric bike, provided by ELECTRIC BIKE STORE.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off and Display

To power on the bike, ensure the battery is installed and locked, then press the power button on the battery. The intelligent LCD display will activate, showing real-time data such as speed, distance, and battery level. Use the controls on the handlebar to navigate display options and adjust settings.

EBIKE SIZE



5.5FT*6.5FT
Recommended Height



68LBS
Ebike Weight



330LBS
Maximum Load Capacity



Image: Close-up of the Likebike U12 handlebar, featuring the 7-speed gear controller and the intelligent LCD display showing mileage, speed, and battery level.

3.2 Riding Modes and Gears

The Likebike U12 offers 3 distinct riding modes and a 7-speed transmission system:

- **Pedal Assist Mode (PAS):** Provides motor assistance as you pedal. This mode offers an impressive range of up to 100 miles depending on load and terrain.
- **Throttle Mode:** Allows you to propel the bike using only the throttle, similar to a motorcycle. This mode offers a range of approximately 50 miles.
- **Manual Mode:** Ride the bike like a traditional bicycle, using only pedal power.

Use the 7-speed gears to adapt to different environments, from city streets to rugged trails or sandy beaches. The 2000W peak brushless motor can reach top speeds of up to 32 mph and easily conquer 35-degree steep slopes.

2000W POWERFUL BRUSHLESS MOTORS

(2000W Peak Motor)



32MPH
Max Speed



35°
Slope



Large
Power



Image: Illustration highlighting the 2000W peak motor, 32 MPH max speed, and 35° slope climbing capability of the Likebike U12.

3.3 Braking System

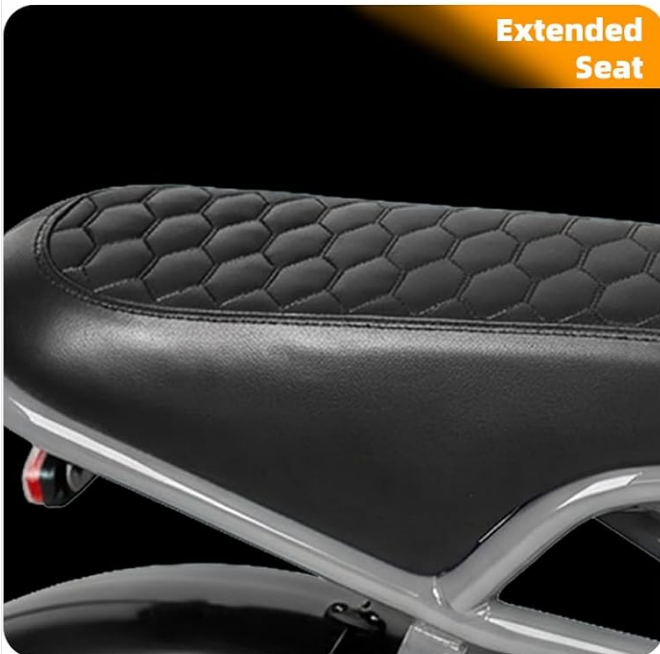
The electric bike is equipped with mechanical disc brakes on both the front and rear wheels. Apply both brakes simultaneously for optimal stopping power. Familiarize yourself with the brake levers and their responsiveness before riding at higher speeds or on challenging terrain.



**Retro
Headlight**



Taillight



**Extended
Seat**



**Hydraulic Dual
Brakes**

Image: Detailed view of the retro headlight, taillight, extended seat, and hydraulic dual brakes on the Likebike U12.

3.4 All-Terrain Riding

The 20" x 4" puncture-resistant fat tires and dual suspension system (front and rear) provide excellent traction and stability, absorbing bumps and vibrations for a smoother ride across various terrains, including city streets, rugged trails, and sandy beaches.

COMFORTABLE AND SAFE RIDING



Image: The Likebike U12 electric bike demonstrating its full suspension and 20"x4" fat tires for comfortable and stable riding on sandy terrain.

4. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your Likebike U12 electric bike.

- **Tire Pressure:** Regularly check and maintain the recommended tire pressure for optimal performance and safety.
- **Brake Inspection:** Inspect brake pads and rotors for wear. Ensure brake levers are responsive and cables are not frayed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Fasteners:** Periodically check all bolts and fasteners, especially on the handlebars, wheels, and seat, to ensure they are tight.

- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods. Charge regularly, even if not in use.
- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Likebike U12 electric bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not installed correctly, battery switch off, low battery charge, loose connection.	Ensure battery is fully inserted and locked. Turn on the battery switch. Check battery charge level and recharge if necessary. Verify all electrical connections are secure.
Motor not assisting or throttle not working.	PAS level set to zero, throttle disconnected, motor cable loose, brake lever sensor engaged.	Increase PAS level on the display. Check throttle connection. Inspect motor cable for damage or looseness. Ensure brake levers are fully released.
Brakes feel weak or noisy.	Worn brake pads, misaligned caliper, air in hydraulic system (if applicable), contaminated rotors.	Inspect and replace worn brake pads. Adjust brake caliper alignment. Clean rotors with disc brake cleaner. If hydraulic, professional service may be required for bleeding.
Chain comes off frequently.	Derailleur misalignment, worn chain, loose chain tension.	Adjust derailleur limits and indexing. Inspect chain for wear and replace if necessary. Ensure proper chain tension.
Display not showing correct speed/distance.	Speed sensor misalignment or damage, loose magnet on wheel spoke.	Check the speed sensor and magnet for proper alignment and secure attachment. Ensure the sensor is clean.

If you encounter issues not listed here or require further assistance, please contact customer support.

6. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Age Range	Adult
Brand	Likebike
Motor Power	2000W peak brushless motor
Top Speed	Up to 32 MPH
Battery	48V 20Ah Removable, UL-Certified
Charging Time	5-7 hours (with 3A charger)
Range (Pedal Assist)	Up to 100 miles
Range (Throttle)	Around 50 miles
Wheel Size	20 Inches (20" x 4" Fat Tires)
Frame Material	Carbon Steel
Suspension Type	Dual (Front and Rear)
Number of Speeds	7-Speed Gears
Brake Style	Mechanical Disc Brakes
Electric Assist Type	Pedal Assist, Throttle Assist
Maximum Load Capacity	330 Pounds (150 kg)
Ebike Weight	Approximately 66 lbs (30 kg)
Included Components	Front Light, Taillight, Turn Signal, Electric Horn
Model Number	UM1
UPC	768274635617

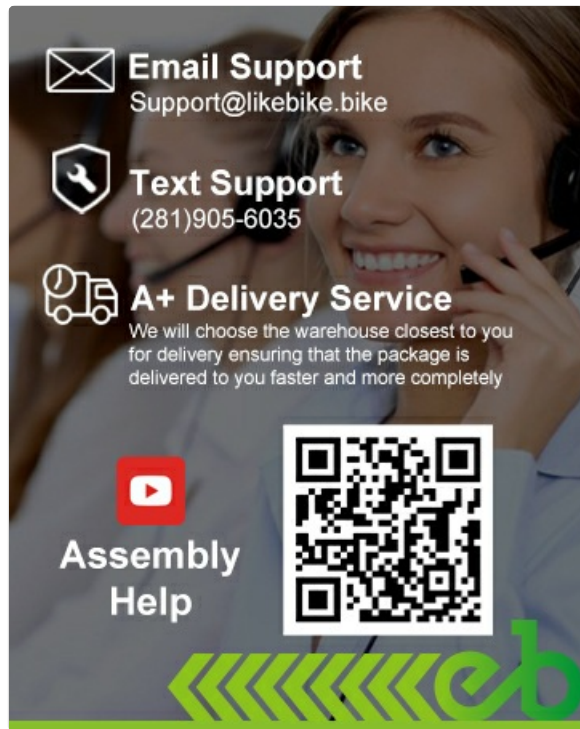



Image: Dimensions of the Likebike U12 electric bike, including recommended height (5.5ft-6.5ft), ebike weight (68lbs), and maximum load capacity (330lbs).


7. WARRANTY AND SUPPORT


Your Likebike U12 electric bike comes with a **360-day warranty**. For any questions or assistance, please refer to the following support options:


- **Email Support:** Support@likebike.bike
- **Text Support:** (281) 905-6035
- **Assembly Help:** Scan the QR code below for additional assembly assistance.

A graphic with a background image of a smiling woman wearing a headset. The graphic contains contact information for Likebike customer support. At the top left is an envelope icon. Below it is the text 'Email Support' and 'Support@likebike.bike'. To the left of the next section is a wrench icon. Below it is the text 'Text Support' and '(281)905-6035'. To the left of the next section is a truck icon. Below it is the text 'A+ Delivery Service' and a paragraph: 'We will choose the warehouse closest to you for delivery ensuring that the package is delivered to you faster and more completely'. Below this is a red YouTube play button icon. To its right is a QR code. Below the YouTube icon is the text 'Assembly Help'. At the bottom right is the Likebike logo, which consists of a series of green chevrons pointing left followed by the letters 'eb' in a green, lowercase, sans-serif font.

 **Email Support**
Support@likebike.bike

 **Text Support**
(281)905-6035

 **A+ Delivery Service**
We will choose the warehouse closest to you for delivery ensuring that the package is delivered to you faster and more completely

 **Assembly Help**





Image: Contact information for Likebike customer support, including email, text, and a QR code linking to assembly help resources.

QR Code Link: <https://qr07.cn/B9F8qu>