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› LYANFEI TT-EBIKE-5000W Dual Motor Folding Electric Bike User Manual

LYANFEI TT-7567

LYANFEI TT-EBIKE-5000W Dual Motor Folding Electric Bike User Manual

Model: TT-7567

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, and maintenance of your LYANFEI TT-EBIKE-5000W Dual Motor Folding Electric Bike. Please read it thoroughly before your first ride and retain it for future reference.



Image 1.1: The LYANFEI TT-EBIKE-5000W Dual Motor Folding Electric Bike.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- **Wear a Helmet:** Always wear a certified helmet when riding.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations regarding electric bicycles.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, battery charge, and ensure all quick releases and fasteners are secure.
- **Braking:** The bike is equipped with front and rear disc brakes. Practice braking in a safe area to understand their responsiveness.
- **Battery Handling:** Do not expose the battery to extreme temperatures or puncture it. Use only the provided charger.
- **Visibility:** Utilize the integrated headlight and taillight, especially during low-light conditions. Consider wearing reflective clothing.

- **Weight Limit:** Do not exceed the maximum weight recommendation of 330 pounds.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- LYANFEI TT-EBIKE-5000W Electric Bike (partially assembled)
- 60V 30AH Removable Battery
- Battery Charger
- Headlight and Taillight (pre-installed)
- LCD Smart Display (pre-installed)
- Tools for assembly
- User Manual
- Lock

4. ASSEMBLY INSTRUCTIONS

Your electric bike arrives approximately 85% pre-assembled. The remaining steps are straightforward. It is recommended to keep the original packaging for at least 30 days after receiving the bike.

4.1 Unfolding the Bike

Carefully unfold the bike frame. Ensure the folding mechanism is securely locked into place before proceeding.

4.2 Handlebar Installation and Adjustment

Attach the handlebars. Ensure all bolts are tightened securely. Adjust the handlebar angle for comfortable riding. If you encounter difficulty accessing bolts with the provided tools, ensure the handlebar stem is correctly positioned.

4.3 Pedal Installation

Identify the left and right pedals. Pedals are typically marked 'L' for left and 'R' for right. Screw them into the crank arms. Note that the left pedal often has a reverse thread, meaning it tightens counter-clockwise. Ensure they are threaded correctly to avoid damage.

4.4 Seat Post Adjustment

Adjust the seat post height to ensure a comfortable and safe riding position. The recommended seat height is adjustable between 34-47 inches (83.82-119.38 cm) for riders over 5.7 feet tall. Ensure the quick-release lever is firmly closed after adjustment.

4.5 Battery Installation and Charging

Insert the 60V 30AH removable battery into its compartment. Ensure it clicks securely into place. Connect the charger to the battery and a power outlet. A full charge typically takes 6-8 hours. The battery provides a range of 26-70 miles depending on riding mode, load, and terrain.

60V/30AH POWERFUL REMOVABLE BATTERY



26-80 Miles
Long Range



6-8 Hours
Fast Charge



12 Months
Waranty



BMS Power
Saving



UL Safety
Certification

Image 4.1: The removable 60V 30AH battery and charging setup.

FRONT FORKSUSPENSION

Provides Stable And Comfortable Riding



Image 4.2: Illustration of the 60V 30AH battery's range capabilities.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press and hold the power button on the LCD display to turn the bike on or off.

5.2 LCD Smart Display

The LCD display provides real-time information including speed, mileage, and battery life. **Important:** Do not change the LCD settings randomly, as incorrect parameters can affect bike performance and functionality. Consult customer support if adjustments are needed.



Image 5.1: Overview of handlebar controls and LCD display.

5.3 Riding Modes

The TT-EBIKE-5000W offers various riding modes to suit different terrains and preferences:

- **Single Motor + Throttle:** Engages one motor with throttle control for assisted riding.
- **Dual Motor + Throttle:** Activates both motors with throttle control for maximum power and speed (up to 42 mph).
- **5 Levels of Pedal Assist:** Provides electric assistance while pedaling, with five adjustable levels of power.
- **Walk Mode:** Provides low-speed assistance for walking the bike.
- **Bike Mode:** Standard cycling with no electric assistance.
- **Manual Mode:** Pure pedal power, similar to a traditional bicycle.

DIFFERENT MODES

For Different Terrain



Single
Motor + Throttle



Dual
Motor + Throttle



5 Levels of
Pedal Assist



Walk Mode



Bike Mode



Manual Mode



Image 5.2: Visual representation of the different riding modes.

5.4 Gear Shifting

The bike features a SHIM 7-speed gear system. Use the trigger shifter on the handlebars to change gears, adapting to terrain and desired speed.



Image 5.3: Close-up of the 7-speed gear system.

5.5 Dual Suspension System

The bike is equipped with dual front suspension and rear shocks to absorb impacts and provide a comfortable ride across varied terrains. The suspension is adjustable and lockable.

DUAL SUSPENSION SYSTEM



Image 5.4: Illustration of the dual suspension system and fat tires.

5.6 Folding Mechanism

The folding design allows for easy transport and storage. Consult the assembly video guides for detailed instructions on folding and unfolding the bike.



Image 5.5: The bike in its folded state, demonstrating portability.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Tire Pressure:** Check tire pressure regularly. The 26x4 inch fat tires require specific pressure for optimal performance and comfort.
- **Brake Inspection:** Periodically check brake pads for wear and brake levers for proper function. The 4-piston hydraulic disc brakes offer sensitive and reliable stopping power.
- **Chain Lubrication:** Keep the chain clean and lubricated for smooth gear changes and to prevent wear.
- **Fastener Check:** Ensure all bolts and quick releases are tightened to specification.
- **Battery Care:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health.



Image 6.1: Detailed view of the hydraulic disc brake system.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated	Ensure battery is fully charged and securely installed. Check connections.
Motor not assisting	Pedal assist level too low, motor disabled, or sensor issue	Increase pedal assist level. Check LCD display for error codes. Ensure cadence sensor is clean.
Difficulty with assembly (e.g., handlebar)	Tight packing, limited tool access	Refer to video guides. If necessary, contact customer support for specific instructions or alternative methods.
Reduced range or power	Low battery charge, heavy load, uphill riding, or incorrect tire pressure	Ensure battery is fully charged. Check tire pressure. Adjust riding mode.

8. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Model Name	TT-7567
Brand	LYANFEI
Motor Power	5000W Peak Dual Motors
Max Speed	42 MPH
Battery	60V 30AH (Removable, 1800 Watt Hours)
Charge Time	6-8 Hours
Range	26-70 Miles (Pedal Assist)
Wheel Size	26 Inches
Tire Width	4 Inches (Fat Tire)
Gears	SHIM 7-Speed Gear
Brakes	Hydraulic Disc Brakes (160mm Large Disc)
Suspension	Dual (Front & Rear), Adjustable & Lockable
Frame Material	6061 Aluminum Alloy
Special Feature	Foldable
Lights	600-lumen LED Front Light, Tail Light

Feature	Detail
Display	LCD Smart Display
Max Weight Recommendation	330 Pounds
Minimum User Height	168 Centimeters (5.5 feet)
Recommended User Height	Over 5.7 feet tall
Seatpost Travel Distance Maximum	42 Centimeters



Image 8.1: Recommended rider height guidelines.

9. WARRANTY AND SUPPORT

Your LYANFEI TT-EBIKE-5000W comes with a 1-year limited warranty. We also provide lifetime technical support for your product.

For any questions, technical assistance, or warranty claims, please contact our customer service directly. Video guides for assembly and troubleshooting are available on the product page or through official channels.

