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› YinZhiBoo Y800 Step-Thru Electric Bike User Manual

YinZhiBoo Y800

YinZhiBoo Y800 Step-Thru Electric Bike User Manual

Model: Y800

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for choosing the YinZhiBoo Y800 Step-Thru Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read it thoroughly before your first ride and keep it for future reference.

Important Safety Guidelines:

- Always wear a helmet when riding your e-bike.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery security.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- The recommended rider height for this bike is 5.2 to 6.5 feet.
- The maximum load capacity for this e-bike is 330 lbs (150 kg). Do not exceed this limit.
- Be aware of your surroundings and ride defensively.

2. PRODUCT OVERVIEW

The YinZhiBoo Y800 is a robust step-thru electric bike designed for adults, featuring powerful components for an enhanced riding experience.



Image 2.1: YinZhiBoo Y800 Step-Thru Electric Bike. This image shows the overall design of the electric bike, highlighting its step-thru frame, fat tires, and integrated components.

Key Features:

- **Motor:** 750W BAFANG Brushless Geared Motor, providing strong power and a maximum speed of up to 32 MPH.
- **Battery:** Removable 48V 15Ah Samsung Cell Li-on Battery, offering a range of 35-50 miles in pure electric mode and 50-65 miles in pedal-assist mode.
- **Tires:** 20-inch Fat Tires for improved traction and stability on various terrains.
- **Brakes:** Double Hydraulic Disc Brakes System for reliable stopping power.
- **Display:** Multifunctional 5-inch LCD Display to monitor speed, distance, battery level, and riding mode.
- **Frame:** Durable 6061 Aluminum-Alloy Step-Thru Frame.
- **Suspension:** Hydraulic Suspension Adjustable Fork for a comfortable ride.

3. SETUP AND ASSEMBLY

Your YinZhiBoo Y800 e-bike comes 75% pre-assembled. Follow these steps to complete the assembly and prepare for your first ride.

Assembly Steps:

1. **Unboxing:** Carefully remove all components from the packaging. Keep the original packaging for a while in case of returns or future transport.
2. **Install Pedals:** Identify the left (L) and right (R) pedals. The left pedal threads counter-clockwise, and the right pedal threads clockwise. Ensure they are securely tightened.
3. **Install Front Wheel:** Attach the front wheel, ensuring the disc brake rotor is correctly aligned with the caliper. Secure the wheel with the quick-release skewer or axle nuts.
4. **Install Handlebar:** Mount the handlebar onto the stem, adjusting its angle for comfortable riding. Tighten all bolts securely.
5. **Inflate Tires:** Inflate both fat tires to the recommended pressure indicated on the tire sidewall.
6. **Initial Battery Charge:** Before your first ride, fully charge the battery. Refer to the 'Battery Information' section for detailed charging instructions.
7. **Pre-Ride Inspection:** Double-check all bolts, connections, and brake functions before your first ride. Ensure the seat post is adjusted to a comfortable and safe height and is securely clamped.

4. OPERATING INSTRUCTIONS

Understand how to operate your YinZhiBoo Y800 e-bike's various functions for an optimal riding experience.

Turning On/Off:

- To turn on the e-bike, press and hold the power button on the LCD display until the screen illuminates.
- To turn off the e-bike, press and hold the power button again until the display turns off.

Riding Modes:

The Y800 offers three riding modes:

1. **Pure Electric Mode:** Engage the throttle to propel the bike without pedaling. Use the 'up' and 'down' buttons on the display to adjust power levels.
2. **Pedal-Assist System (PAS) Mode:** The motor provides assistance as you pedal. Adjust the assist level using the 'up' and 'down' buttons on the display. Higher levels provide more assistance.
3. **Human Pedaling Mode:** Ride the bike like a traditional bicycle with no motor assistance.

LCD Display Functions:

The 5-inch LCD display shows important riding data:

- Current Speed
- Distance Traveled (Odometer/Trip)
- Battery Level Indicator
- Pedal Assist Level (PAS)
- Error Codes (if any)

Lights and Walk Mode:

- **Headlight:** To turn on the headlight, press and hold the 'up' button on the display. Repeat to turn off.

- **Walk Mode:** To activate walk mode (motor assists at a slow walking speed), press and hold the 'down' button on the display. Release the button to disengage.

5. BATTERY INFORMATION

The YinZhiBoo Y800 is equipped with a removable 48V 15Ah Samsung Cell Li-ion battery. Proper care ensures longevity and performance.

Charging the Battery:

- The battery can be charged while installed on the bike or removed for indoor charging.
- Connect the charger to a standard power outlet and then to the battery's charging port.
- The charger indicator light will typically show red during charging and turn green when fully charged.
- A full charge takes approximately 4-6 hours. Do not overcharge the battery.
- Use only the original 48V 2A US Standard DC Smart Charger provided with your e-bike.

Battery Care and Storage:

- Avoid completely draining the battery. Charge it regularly, especially after long rides.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery to 50-70% capacity every 1-2 months.
- Do not expose the battery to water or moisture.

6. MAINTENANCE

Regular maintenance is crucial for the safety, performance, and longevity of your YinZhiBoo Y800 e-bike.

General Maintenance Schedule:

- **Before Each Ride:** Check tire pressure, brake function, and ensure all quick releases and bolts are tight.
- **Weekly/Bi-Weekly:** Clean the bike, especially the drivetrain. Lubricate the chain. Inspect for any loose components or unusual wear.
- **Monthly/Every 100 Miles:** Check brake pads for wear, inspect tire tread, and ensure all electrical connections are secure.
- **Annually/Every 500 Miles:** Consider a professional inspection by a qualified bike mechanic.

Specific Maintenance Tasks:

- **Tires:** Maintain correct tire pressure to prevent punctures and ensure efficient riding. Inspect for cuts or embedded objects.
- **Brakes:** Regularly check the hydraulic brake system for proper function. If brake levers feel soft or braking power is reduced, consult a mechanic.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.
- **Cleaning:** Use a damp cloth to clean the frame and components. Avoid high-pressure washing directly on electrical components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your YinZhiBoo Y800 e-bike.

Problem	Possible Cause	Solution
Bike does not turn on	Battery not charged or not properly seated; loose electrical connection; display issue.	Ensure battery is fully charged and securely installed. Check all visible cable connections. If problem persists, contact support.
Motor not assisting	PAS level set to 0; brake lever engaged; motor cable disconnected; sensor issue.	Increase PAS level. Ensure brake levers are fully released. Check motor cable connection.
Reduced range	Low tire pressure; riding in high assist levels; frequent stops/starts; cold weather; aging battery.	Inflate tires to recommended pressure. Use lower assist levels. Ride smoothly. Battery capacity naturally decreases over time.
Brakes feel soft or ineffective	Air in hydraulic line; worn brake pads; fluid leak.	Do not ride the bike. Have the hydraulic brake system inspected and serviced by a qualified mechanic immediately.

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

8. SPECIFICATIONS

Detailed technical specifications for the YinZhiBoo Y800 Step-Thru Electric Bike.

Feature	Specification
Model Name	Y800 (Item Model Number: A3)
Bike Type	Electric City Bike, Step-Thru
Motor	750W BAFANG Brushless Geared Motor
Battery	48V 15Ah Samsung Cell Removable Li-on Battery (1500 Watt Hours)
Charger	48V 2A US Standard DC Smart Charger
Charging Time	4-6 Hours
Max Speed	Up to 32 MPH (51 km/h)
Range (Pure Electric)	35-50 miles (56-80 km)
Range (Pedal Assist)	50-65 miles (80-105 km)
Frame Material	6061 Aluminum-Alloy
Wheel Size	20 Inches (Fat Tires)
Suspension	Hydraulic Suspension Adjustable Fork (Dual Suspension Type)
Brake System	Double Hydraulic Disc Brakes (U Brake Style)

Feature	Specification
Gears	Shimano 7-speed Rear Derailleur
Display	Multifunctional 5-inch LCD Display
Recommended Rider Height	5.2 - 6.5 FT (158 - 198 cm)
Maximum Load	330 lbs (150 kg)
Net Weight	77 lbs (34.93 kg)
Included Components	E Bike Accessory Kit

9. WARRANTY AND SUPPORT

YinZhiBoo is committed to providing excellent customer service for your Y800 electric bike.

After-Sales Service:

- YinZhiBoo offers 24-hour after-sales support.
- If you encounter any issues or have questions, please contact our support team directly.
- For returns, please contact us first to receive a return label and instructions. Do not return the bike without prior authorization to prevent package loss.
- It is recommended to keep the original packaging for a period after purchase in case a return is necessary.

For further assistance, please refer to the contact information provided at the point of purchase or on the official YinZhiBoo website.

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