

Baicycle A03

Baicycle A03 Electric Bike User Manual

MODEL: A03-BLACK-36 CLASSIC

1. Safety Information

Before operating your Baicycle A03 Electric Bike, please read this manual thoroughly. Adherence to safety guidelines is crucial for preventing accidents and ensuring optimal performance.

- **Wear a Helmet:** Always wear a certified helmet when riding.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations for electric bikes.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery level, and all quick-release mechanisms to ensure they are secure and functioning correctly.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 265 pounds.
- **UL2849 Certified:** This electric bike has passed UL2849 certification, ensuring electrical safety standards.

2. Product Overview

The Baicycle A03 is a robust electric bike designed for versatile use, featuring a powerful motor, long-range battery, and comfortable riding experience.

Key Features:

- **Motor:** 750W rated, 1500W peak power hub-brushless motor, capable of speeds up to 28 MPH and climbing 30-degree slopes.
- **Battery:** High-capacity 48V 13Ah (624Wh) removable lithium-ion battery with anti-theft technology and IP54 waterproof rating. Offers a range of up to 90 miles.
- **Frame:** High-strength special steel with a one-piece triangular structure for durability and stability.
- **Suspension:** High-strength shock-absorbing fork with six-layer progressive components for a smooth ride.

- **Tires:** 20"x3.0" fat tires suitable for various terrains including rain, snow, beaches, and mountain roads.
- **Brakes:** 180mm stainless steel disc brakes for sensitive and stable stopping power.
- **Modes:** Four practical working modes: Pure Electric, Pedal Assist (five speed settings), Walk Push-assist, and Normal Bicycle mode.
- **Display:** Smart LCD display for clear ride data and metrics.
- **Lighting:** Front headlight and rear brake light for enhanced visibility.

Components Included:

- Battery
- Charger
- Headlight
- Kickstand
- Tool Kit

Product Visuals:



Figure 1: Baicycle A03 Electric Bike, showcasing its robust frame and fat tires.



Figure 2: Diagram illustrating the 1500W peak brushless motor, highlighting its power and efficiency.

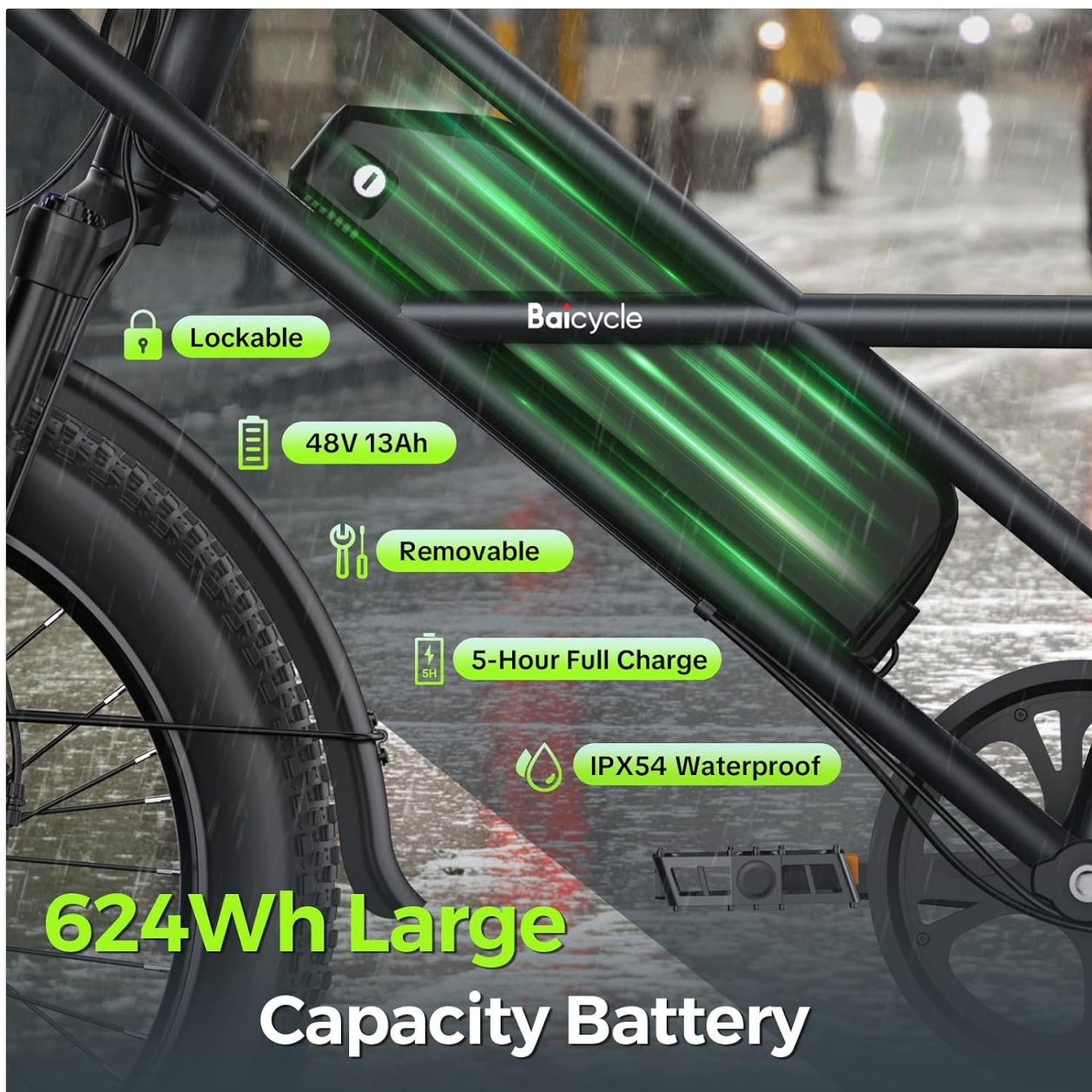


Figure 3: Close-up of the 624Wh large capacity removable battery, emphasizing its lockable, 48V 13Ah, IP54 waterproof features and 5-hour fast charge capability.



Figure 4: Visual representation of the Baicycle A03's four working modes: Pedal-assist, Pure Electric, Walk Push-assist, and Normal Bike.



Figure 5: Infographic showing recommended rider height (5.41-6.23 FT) and maximum load capacity (less than 265 lbs).



Figure 6: Illustration of the dual shock design with lockable front fork suspension and 20" x 3" all-terrain fat tires, suitable for various road conditions.

Fat Tire Electric Bike for Outdoor

Smart LCD Display



7-Speed Gear Kit



Figure 7: Close-up of the smart LCD display and the 7-speed gear kit on the handlebars.



Figure 8: Depiction of night riding safety features, including the bright headlight and responsive brake light.

3. Setup and Assembly

The Baicycle A03 Electric Bike comes largely pre-assembled. Follow these steps to complete the setup.

Assembly Steps:

1. **Unpacking:** Carefully remove the bike and all accessories from the packaging.
2. **Front Wheel Installation:** Attach the front wheel to the fork, ensuring the disc brake aligns correctly. Secure it with the provided nuts.
3. **Handlebar Installation:** Mount the handlebars to the stem, adjusting the angle for comfort and tightening the bolts securely.
4. **Seat Post Installation:** Insert the seat post into the frame's seat tube. Adjust the height to your preference and secure it with the quick-release clamp. Ensure the clamp is tightened sufficiently to prevent movement.
5. **Pedal Installation:** Attach the pedals to the crank arms. Remember that the left pedal (marked 'L') has a left-hand thread and the right pedal (marked 'R') has a right-hand thread. Tighten them firmly.

Assembly Videos:

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Video 1: This video provides a comprehensive guide to the assembly process of the Baicycle A03 Electric Bike, from unpacking to final checks.

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Video 2: This video demonstrates how to properly adjust the seatpost clamp tension, ensuring the seat is secure and does not move during riding.

4. Operating Instructions

Understand how to operate your Baicycle A03 Electric Bike for a safe and enjoyable ride.

Powering On/Off:

- To power on the bike, ensure the battery is securely installed and turned on. Then, press and hold the power button on the LCD display until it illuminates.
- To power off, press and hold the power button on the LCD display again until it turns off.

Riding Modes:

The Baicycle A03 offers four distinct riding modes:

- **Pure Electric Mode:** Use the throttle to propel the bike without pedaling. Ideal for effortless travel.
- **Pedal Assist Mode:** The motor provides assistance as you pedal. There are five adjustable speed settings to match your desired effort level.
- **Walk Push-assist Mode:** Activates a low-speed motor assist to help push the bike when walking, especially uphill.
- **Normal Bicycle Mode:** The electric assist is off, and the bike operates like a traditional bicycle, relying solely on pedal power.

Gear Shifting:

The bike is equipped with a Shimano 7-speed derailleur system. Use the shifter on the handlebars to change gears, allowing you to adapt to different terrains and riding conditions.

Braking:

The 180mm stainless steel disc brakes provide reliable stopping power. Apply both front and rear brakes smoothly for controlled deceleration.

Operation Videos:

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Video 3: This video demonstrates the various riding modes and the powerful 1500W peak motor of the Baicycle A03 Electric Bike in action.

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Video 4: This video highlights the features of the Baicycle U05 Electric Bike, including its removable battery and suitability for adults, providing a general overview of Baicycle's electric bike capabilities.

5. Battery Information and Charging

The Baicycle A03 is equipped with a 48V 13Ah (624Wh) lithium-ion battery. Proper charging and care are essential for battery longevity.

Charging Procedure:

1. Ensure the bike is powered off before charging.
2. Locate the charging port on the battery.
3. Connect the charger to the battery's charging port.
4. Plug the charger into a standard electrical outlet.
5. The indicator light on the charger will typically turn red during charging and green when fully charged.
6. Charging takes approximately 5-6 hours for a full charge.
7. Once fully charged, disconnect the charger from the outlet first, then from the battery.

Battery Care:

- Avoid completely draining the battery before recharging.
- Store the battery in a cool, dry place when not in use.
- If storing for extended periods, charge the battery to about 50-70% and recharge every 1-2 months.
- The battery is removable for convenient charging indoors and features anti-theft technology.

6. Maintenance

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

- **Tire Pressure:** Check tire pressure regularly and maintain it within the recommended range (typically indicated on the tire sidewall).
- **Brakes:** Inspect brake pads for wear and ensure brake levers are responsive. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth shifting and prevent wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

7. Troubleshooting

Here are solutions to common issues you might encounter with your Baicycle A03 Electric Bike.

Common Issues:

- **Bike Not Powering On:** Check if the battery is fully charged, securely installed, and turned on. Ensure all connections are firm.
- **Motor Not Engaging:** Verify that the correct riding mode is selected and that the throttle or pedal assist is activated. Check for any error codes on the LCD display.
- **Brakes Squealing/Ineffective:** Inspect brake pads for wear or contamination. Adjust brake calipers if necessary.

Troubleshooting Videos:

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Video 5: This video demonstrates how to restore the LCD display to factory settings, which can resolve certain display-related issues.

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Video 6: This video provides instructions on how to replace the Baicycle LCD display, useful if the display is damaged or malfunctioning beyond software fixes.

8. Specifications

Feature	Specification
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	Baicycle
Number of Speeds	7
Color	A03-Black-36
Wheel Size	20 Inches
Frame Material	High Carbon Steel
Suspension Type	Front
Special Feature	Adjustable Seat, Digital Display, Dual Disc Brake, Durable, Multi-Speed
Included Components	Battery, Charger, Headlight, Kickstand, Tool Kit
Size	Large
Brake Style	Disc
Wheel Width	3 Inches
Specific Uses For Product	Freestyle, Road, Snow
Item Weight	32 Kilograms
Theme	Sport
Style	Classic
Model Name	A03-Electric Bike
Power Source	Electric
Wattage	750 watts

Feature	Specification
Wheel Material	Alloy Steel
Year	2025
Lithium Battery Energy Content	624 Watt Hours
Seat Material Type	Polyurethane (PU)
Maximum Weight Recommendation	265 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Trigger
Seatpost Travel Distance Maximum	6 Inches
Minimum User Height	5.41 Feet
Fender Material	Steel
Derailleur Configuration	Rear
Bicycle Drivetrain Type	chain drive
Electric Assist Type	pedal assist, throttle assist
Manufacturer	Baicycle
Frame Size	Large
Frame Type	Monocoque
Brand Name	Baicycle
Warranty Description	2 Year
Material	High Carbon Steel
Number of Items	1

9. Warranty and Support

Warranty Information:

The Bicycle A03 Electric Bike comes with a**2-Year Warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact Bicycle customer support through

the platform where you purchased the product or refer to the contact information provided in your product packaging.