

ANCHEER AMAK00013

ANCHEER Electric Bike Model AMAK00013 User Manual

48V 500Wh 26-inch Commuter Electric Bicycle

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your ANCHEER Electric Bike Model AMAK00013. Please read this manual thoroughly before your first ride and keep it for future reference. Failure to follow these instructions may result in serious injury or product damage.

1.1 Safety Precautions

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are correctly assembled and tightened before each ride.
- Familiarize yourself with local e-bike regulations and traffic laws.
- Do not ride under the influence of alcohol or drugs.
- Regularly inspect brakes, tires, and battery connections.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- The maximum weight capacity for this bicycle is 265 lbs.

1.2 UL2849 Certification

This ANCHEER Electric Bike is certified to UL2849 standards, ensuring electrical system safety.

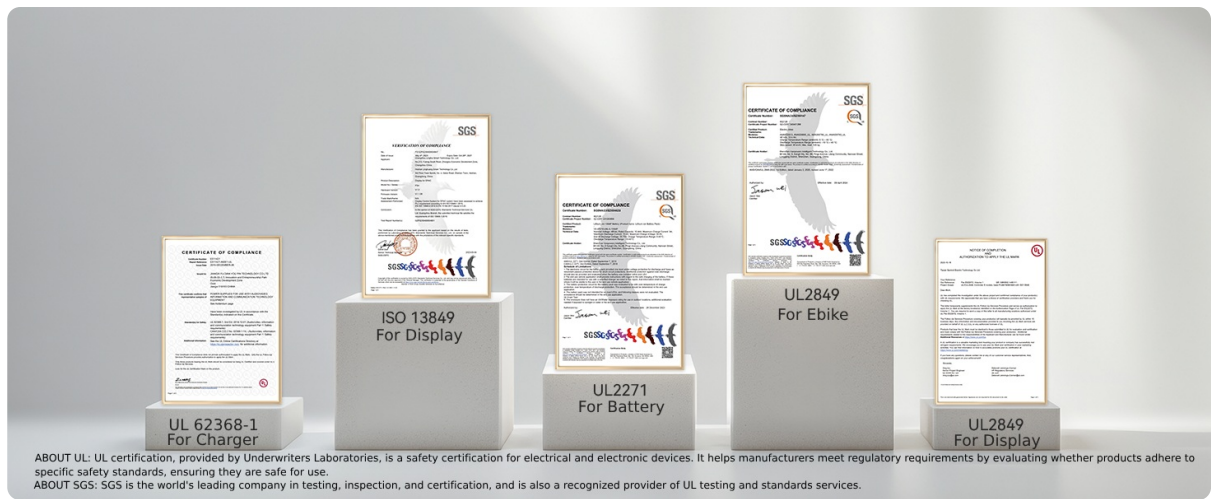


Image: Various UL and SGS certifications displayed for the e-bike, battery, charger, and display.

2. PACKAGE CONTENTS

Your ANCHEER Electric Bike package includes the following items:

- 1x ANCHEER Electric Bike (85% pre-assembled)
- 1x User Manual
- 1x Charger (48V/10.4Ah compatible)
- 1x Tool Kit
- Pedals
- Front Fender
- Rear Rack
- Seat
- Headlight
- Bell
- Front Reflector



Image: The ANCHEER Electric Bike in white, showcasing its overall design, LCD display, and rear rack with battery.

3. SETUP AND ASSEMBLY

Your ANCHEER Electric Bike comes 85% pre-assembled. Follow these steps to complete the assembly:

3.1 Unboxing and Component Identification

Carefully open the package and remove all components. Identify the battery, seat, tool kit, pedals, front wheel, front fender, rear rack, and handlebars.

3.2 Handlebar Installation

Insert the handlebar stem into the fork tube. Adjust the height to your preference, ensuring the adjustment range does not exceed the limit line marked on the stem. Tighten all bolts securely.



Height-adjustable

How To Adjust

65cm

Image: Visual guide for adjusting the height of the handlebars, highlighting the limit line for safety.

3.3 Rear Fender and Rack Installation

Attach the rear fender and then the rear rack to the frame. Ensure both sides are aligned with the threaded holes before tightening the bolts. The battery controller is integrated into the rack structure.

3.4 Battery Installation

Push the 48V 10.4Ah battery into the rail on the rear rack until it clicks firmly into place. Connect it to the controller. Ensure the battery is securely locked using the provided key to prevent accidental removal or theft.

48V 10.4AH Battery(No USB)



► Power Switch

"O" is power off, "-" is power on. It can be switched off when the e-bike is not in use.

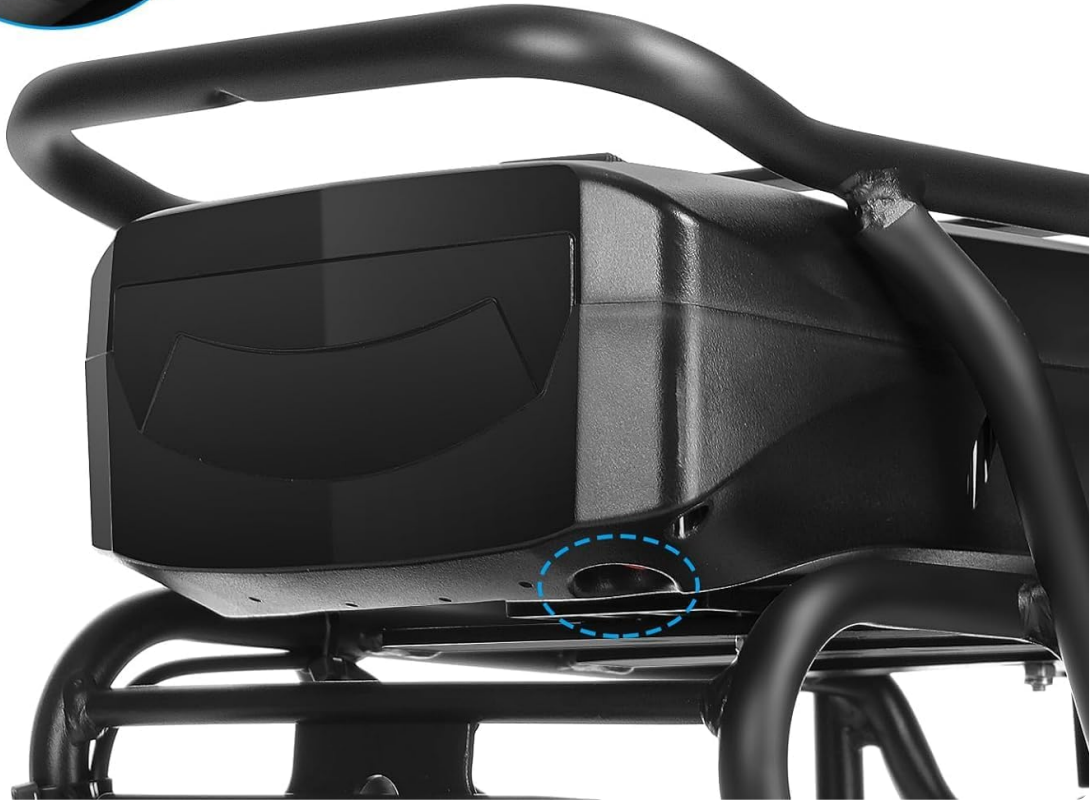


Image: Detailed view of the battery on the rear rack, indicating the power switch and the locking mechanism.

3.5 Seat Installation

Insert the seat post into the frame's seat tube. Adjust the seat height to a comfortable position, making sure not to exceed the marked safety scale range on the seat post. Secure the quick-release clamp.

3.6 Front Wheel Installation

Turn the e-bike upside down, resting it on the handlebars and seat (use foam to protect handlebars). Remove any protective bolts from the fork. Unplug the stopper from the brake caliper, then carefully place the front wheel into the fork. Install the quick-release skewer. After installation, turn the wheel to ensure smooth rotation. If the disc brake rubs, adjust the gap on both sides of the disc brake appropriately.

3.7 Headlight and Front Fender Installation

Attach the headlight to the front fork using the provided bolt. Install the front fender, ensuring it is securely fastened and does not interfere with the wheel's rotation.

3.8 Pedal Installation

Identify the left (L) and right (R) pedals. The right pedal (R) threads clockwise, and the left pedal (L)

threads counter-clockwise. Install them firmly into the crank arms using a wrench.

3.9 Bell and Front Reflector Installation

Install the bell and front reflector on the handlebars as desired for visibility and safety.

3.10 Assembly Video Guide

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Video: A comprehensive assembly guide for the ANCHEER Electric Bike, demonstrating each step from unboxing to final checks.

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Video: An unboxing and assembly demonstration of the ANCHEER Electric Bike, including a ride test and feature overview.

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Video: A detailed review and assembly process for the ANCHEER Electric Bike, highlighting key components and user experience.

4. OPERATING INSTRUCTIONS

Understand the various modes and controls to maximize your riding experience.

4.1 Powering On/Off

1. Turn on the battery power switch located on the battery pack (usually marked 'O' for off, 'I' for on).
2. Press and hold the power button on the LCD digital display to switch the e-bike system on.
3. To power off, press and hold the power button on the LCD display again.

4.2 LCD Digital Display Functions

The user-friendly LCD display provides real-time information:

- **Battery Level:** Indicates remaining battery charge.
- **Current Speed:** Displays your current riding speed.
- **Mileage:** Tracks distance traveled (ODO for total, TRIP for current ride).
- **Assist Level:** Shows the current pedal assist level (1-5).

Stay Informed In Real-time Ride With Confidence



Image: Close-up of the LCD digital display on the handlebars, showing various ride metrics.

4.3 Pedal Assist Modes

The e-bike features 5 power assist levels (1-5). Use the +/- buttons on the LCD display to adjust the level. Mode 0 provides no assistance. Higher levels offer more motor assistance, reducing pedaling effort.

4.4 Throttle Operation

The twisting throttle allows for pure electric propulsion without pedaling. Simply twist the throttle to engage the motor and control speed. This is part of the versatile 7-speed gears system.

4.5 Cruise Control

For relaxing rides on long, smooth roads, the e-bike includes cruise control. In pure electric mode, maintain a stable speed for 8-10 seconds to engage automatic cruise control.



DIGITAL DISPLAY

- Battery Level
- Current Speed
- 5 Assist Levels
- Mileage
- Cruise Control

Image: Handlebars with the LCD display, illustrating the cruise control feature for sustained speeds.

4.6 Gear Shifting

The e-bike is equipped with a 7-speed gear system for versatile riding. Use the gear shifter on the handlebars to select appropriate gears for different terrains and speeds.



DUAL DISC BRAKE + 7-SPEED

Efficiently and Freely Ride

Image: Detail of the dual disc brakes and the 7-speed gear shifter, emphasizing efficient and free riding.

4.7 Braking

The e-bike features dual disc brakes on both front and rear wheels for reliable and responsive stopping power. Apply both brake levers smoothly to slow down or stop.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ANCHEER Electric Bike.

- **Battery Care:** Charge the 48V/10.4Ah removable battery regularly. Avoid fully discharging the battery. Store the battery in a cool, dry place when not in use.
- **Tire Pressure:** Maintain recommended tire pressure for optimal performance and safety. Check before each ride.
- **Brake Inspection:** Periodically check 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 rust.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Checks:** Regularly check all bolts and fasteners for tightness, especially on the handlebars, seat post, and wheels.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

- **Bike not powering on:** Ensure the battery power switch is on and the battery is fully charged. Check all electrical connections.
- **Motor not assisting:** Verify the pedal assist level is not set to 0. Check if the throttle is engaged. Ensure battery is connected and charged.
- **Brakes squealing or rubbing:** Inspect brake pads for wear. Adjust the brake caliper to ensure the rotor is centered between the pads.
- **Gears not shifting smoothly:** Check the derailleur alignment and cable tension. Lubricate the chain.
- **Reduced range:** Ensure tires are properly inflated. Avoid excessive use of high pedal assist levels or throttle. Battery health may degrade over time.

7. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Model Name	AMAK00013
Brand	ANCHEER
Age Range	Adult
Wheel Size	26 Inches
Frame Material	Aluminum
Suspension Type	Front
Number of Speeds	7
Brake Style	Disc
Motor Wattage	350 watts (500W Peak)
Battery Voltage	48 Volts
Battery Capacity	10.4Ah (508.8 Watt Hours)
Max Range	Up to 60 Miles (pedal assist)
Charging Time	3-3.5 Hours (Fast Charge)
Item Weight	66 Pounds
Load Capacity	Max 265 lbs
Recommended Height	5'4"-6'5"
Special Feature	LCD-Display, Cruise Control, Rear Light
Certifications	UL2849 Certified



Image: Detailed dimensions and weight specifications of the ANCHEER Electric Bike.

8. WARRANTY AND SUPPORT

ANCHEER is committed to providing reliable products and customer service.

- **Warranty:** The ANCHEER Electric Bike comes with a 1-year warranty for the motor and battery.
- **After-Sales Support:** Should you have any questions or concerns regarding installation, maintenance, or any other aspects, our professional after-sales service team is dedicated to providing you with reliable support.
- **Contact Information:** For support, please refer to the contact details provided in your included manual or visit the official ANCHEER website.

