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> ANCHEER 500W Electric Bike 26" Gladiator Electric Mountain Bike User Manual

ANCHEER AMA005686

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Model: AMA005686 | Brand: ANCHEER

1. INTRODUCTION

Welcome to the ANCHEER Electric Bike user manual. This guide provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your 26-inch Gladiator Electric Mountain Bike. Designed for adults, this e-bike features a 500W motor, 48V 10.4Ah removable battery, 21-speed Shimano gear system, and a durable aluminum alloy frame with front suspension. Please read this manual thoroughly before your first ride to ensure proper usage and longevity of your electric bike.

2. SAFETY INFORMATION

Your safety is paramount. Adhere to all local traffic laws and regulations. Always wear a helmet and appropriate safety gear when riding. Perform pre-ride checks before each use.

- **Helmet Use:** Always wear a certified bicycle helmet.
- **Pre-Ride Check:** Before each ride, inspect tires for proper inflation, check brake functionality, ensure all bolts and quick releases are tightened, and verify battery charge level.
- **Road Conditions:** Be aware of road hazards, traffic, and weather conditions. Avoid riding in adverse weather or on slippery surfaces.
- **Weight Limit:** Do not exceed the maximum weight capacity of 265 lbs.
- **Battery Safety:** Do not attempt to open or modify the battery. Use only the provided charger. Keep the battery away from water and extreme temperatures.
- **Children:** This e-bike is designed for adults. Keep out of reach of children.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged:

- ANCHEER 26-inch Electric Bike (85% pre-assembled)
- Removable 48V 10.4Ah Lithium-Ion Battery (integrated into frame)
- Battery Charger
- User Manual (this document)
- Assembly Tools (basic tools for final assembly)



Image: The ANCHEER Electric Bike and its main components, including the frame, wheels, battery, and charger.

4. SETUP

4.1 Initial Assembly

Your ANCHEER electric bike arrives 85% pre-assembled. Final assembly typically involves attaching the front wheel, handlebars, pedals, and seat. Detailed assembly videos are available on the official ANCHEER YouTube channel for visual guidance.

1. **Unpack:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel, ensuring the quick release or axle nuts are properly secured. Verify the brake rotor aligns correctly with the caliper.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms. Note that the left pedal threads counter-clockwise. Tighten firmly.
5. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the height for comfortable riding. Secure with the quick release lever.
6. **Pre-Ride Checks:** Before your first ride, double-check all connections, bolts, and tire pressure.

4.2 Battery Charging and Installation

The 48V 10.4Ah lithium-ion battery is removable for convenient charging. A full charge takes approximately 3.5 hours.

1. **Remove Battery:** Use the provided key to unlock and remove the battery from the frame.
2. **Charge Battery:** Connect the charger to the battery charging port, then plug the charger into a standard wall outlet. The indicator light on the charger will change (e.g., red to green) when fully charged.
3. **Reinstall Battery:** Once charged, slide the battery back into the frame until it clicks securely into place. Lock the battery with the key.



Image: The removable battery pack integrated into the frame of the ANCHEER Electric Bike.

5. OPERATING YOUR E-BIKE

5.1 Powering On/Off

To power on the bike, press and hold the power button on the display panel. To power off, press and hold the same

button until the display turns off.

5.2 Riding Modes

Your ANCHEER e-bike offers three distinct riding modes, selectable via the display panel:

- **Electric Mode (Throttle):** If a throttle is installed, gently twist it to engage the motor and propel the bike without pedaling. This mode is ideal for effortless cruising.
- **Pedal Assist Mode (PAS):** This mode provides motor assistance as you pedal. You can select different assist levels (e.g., 1-5) on the display to control the amount of power assistance. Higher levels provide more assistance.
- **Manual Mode:** With the power off, the bike functions as a traditional bicycle, relying solely on your pedaling power. This mode is suitable for exercise or when the battery is depleted.

5.3 Gear Shifting (21-Speed Shimano)

The 21-speed Shimano gear system allows you to adapt to various terrains and inclines. Use the shifters on the handlebars to change gears smoothly. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding.

5.4 Braking

The bike is equipped with front and rear mechanical disc brakes for reliable stopping power. Apply both brake levers simultaneously for balanced and effective braking. Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

6. MAINTENANCE

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

- **Tires:** Check tire pressure before each ride. Recommended pressure is usually indicated on the tire sidewall.
- **Brakes:** Regularly inspect brake pads for wear and replace them when necessary. Ensure brake levers are responsive and cables are not frayed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **Bolts and Fasteners:** Periodically check and tighten all bolts, nuts, and quick releases, especially on critical components like wheels, handlebars, and seat post.
- **Storage:** Store the bike in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (50-70%) and recharge it every 1-2 months.

6.1 Battery Care

Proper battery care extends its lifespan:

- Always use the original charger provided with your bike.
- Avoid completely draining the battery before recharging.
- Do not expose the battery to temperatures below -4°F (-20°C) or above 113°F (45°C).
- If the battery will not be used for a long time, charge it to 50-70% and recharge every two months.

6.2 Cleaning

Clean your e-bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components or bearings.

7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly installed.	Ensure battery is fully charged and securely locked in place. Check power button on display.
Motor not assisting.	Battery low, PAS level too low, or brake levers engaged.	Charge battery. Increase PAS level. Ensure brake levers are not squeezed.
Brakes feel weak.	Worn brake pads or loose brake cables.	Inspect and replace brake pads if worn. Adjust brake cable tension.
Gears are not shifting smoothly.	Dirty chain, misaligned derailleur, or stretched cable.	Clean and lubricate chain. Adjust derailleur. Consult a bike mechanic if needed.

8. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike, Mountain Bike
Age Range	Adult
Brand	ANCHEER
Number of Speeds	21
Wheel Size	26 Inches
Frame Material	Aluminum
Suspension Type	Front
Special Feature	21 speed, Electric, mountain bike
Included Components	Charger, Electric Bike
Size	26 inch
Brake Style	Disc
Model Number	AMA005686
Battery	48V 10.4Ah Lithium-Ion (Removable)
Motor Power	500W
Max Speed	Up to 25 km/h (15.5 mph)
Range per Charge	25-50 km (15.5-31 miles)

Feature	Detail
Charge Time	Approx. 3.5 hours
Folding Size	Approx. 92 cm x 88 cm (36.2 in x 34.6 in)
Weight Capacity	265 lbs

9. WARRANTY AND SUPPORT

ANCHEER provides a limited warranty for its products. Please refer to the warranty card included with your purchase or visit the official ANCHEER website for detailed warranty terms and conditions. For technical support, replacement parts, or any inquiries, please contact ANCHEER customer service through their official channels. You can also visit the [ANCHEER Store on Amazon](#) for more product information and support resources.