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ANCHEER AMA005873

ANCHEER 26-inch Electric Mountain Bike (Model AMA005873) User Manual

This manual provides essential instructions for the safe assembly, operation, and maintenance of your ANCHEER electric bicycle.

1. Setup and Assembly

Your ANCHEER electric bike is approximately 85% pre-assembled. Follow these steps carefully to complete the assembly process.

1.1 Unboxing

Carefully open the packaging and remove all components. Ensure all parts listed in the packing list are present before proceeding.



Figure 1: The ANCHEER 26-inch Electric Mountain Bike after unboxing, showing main components.

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Video 1: Ancheer E Bike Unboxing and Assembly. This video demonstrates the initial unboxing and assembly steps for the electric bike.

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Video 2: How to assemble the G26? This video provides detailed assembly instructions relevant to the G26 model, which shares similar assembly procedures with the AMA005873.

1.2 Initial Assembly Steps

1. **Kickstand Installation:** Attach the kickstand to the designated mounting point on the bike frame using the provided screws and tools. Ensure it is securely tightened.
2. **Handlebar Installation:** Insert the handlebar into the stem. Adjust the angle and position for comfortable riding, then tighten the screws on the stem faceplate evenly.
3. **Seat and Reflector Assembly:** Attach the rear reflector to the seat post. Insert the seat post into the frame's seat tube. Adjust the seat height and angle, then secure it with the quick-release clamp.
4. **Front Disc Brake Installation:** Secure the front disc brake caliper to the front fork using the provided bolts. Ensure the brake pads are correctly aligned with the rotor.
5. **Front Wheel Installation:** Carefully place the front wheel into the front fork dropouts, ensuring the disc rotor slides into the brake caliper. Secure the wheel using the quick-release skewer. Verify the wheel spins freely without brake

rub.

6. **Display and Controls Installation:** Mount the LCD display and other handlebar controls (bell, light switch) to the handlebar. Connect any necessary cables.
7. **Headlight Installation:** Attach the headlight to the front fork and connect its power cable.
8. **Pedal Installation:** Identify the left (L) and right (R) pedals. Screw the 'L' pedal counter-clockwise into the left crank arm and the 'R' pedal clockwise into the right crank arm. Tighten them firmly with a wrench.
9. **Battery Installation:** Gently slide the 374Wh removable battery into its holder on the bike frame. Press down until it clicks into place. Use the key to ensure the battery is securely locked.

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2. Operating Your ANCHEER Electric Bike

Understand the various features and modes of your electric bike for an optimal riding experience.

2.1 Power System

The bike is equipped with a 500W brushless geared motor (750W peak) and a removable 48V/374Wh lithium-ion battery. This system provides reliable power for commuting, mountain trails, and general riding.

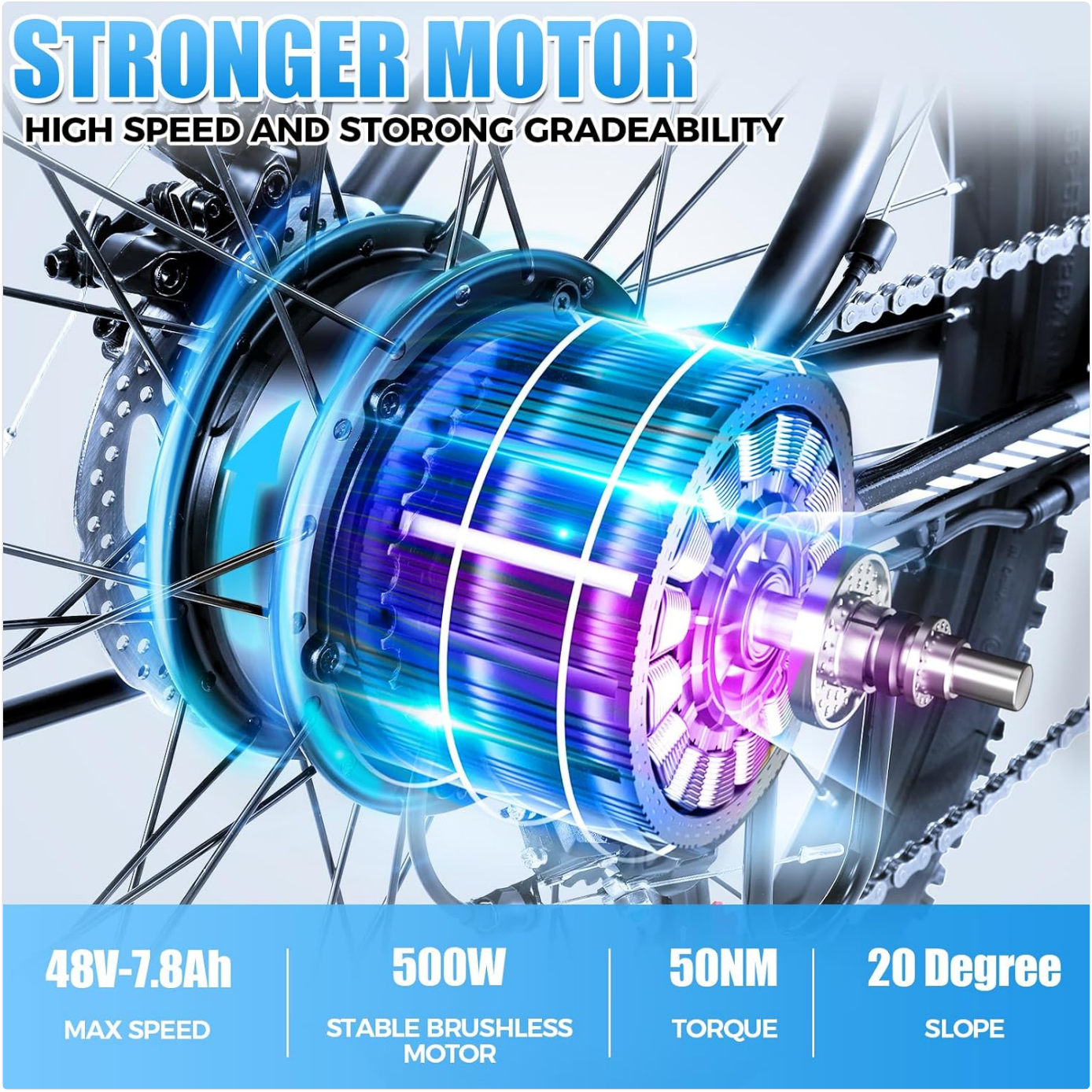


Figure 2: Close-up of the 500W (Peak 750W) brushless geared motor, highlighting its power specifications.



Figure 3: Illustration detailing the 500W regular and 750W peak output power of the motor, along with top speed and torque.



Figure 4: The removable 374.4Wh battery, showing its easy removal and charging process.

2.2 Riding Modes

- **Pedal Assist Mode (PAS):** Offers six levels of power assistance (1-5 levels). The motor activates when you pedal, providing assistance to your effort.
- **Twist Throttle Mode:** Provides power without pedaling (0 level). Ideal for quick acceleration or when you need a boost without effort.

You can switch between pedal assist and twist throttle at any time to suit your riding conditions.



Figure 5: Visual representation of PAS mode and Throttle mode, along with battery specifications.

2.3 LCD Display Functions

The LCD display provides real-time information about your ride, including:

- Gear position (Pedal Assist Level)
- Current speed
- Total mileage
- Battery level



Figure 6: Close-up of the LCD display, showing various riding metrics and controls.

2.4 Gear Shifting

The 21-speed transmission system allows you to select the appropriate gear for different terrains and riding conditions. Use the trigger shifters on the handlebar to change gears smoothly.



Figure 7: Detailed view of the 21-speed gear system, including the rear derailleur and cassette.

2.5 Braking System

The bike features mechanical front and rear disc brakes for precise and reliable stopping power. The power-off brake levers cut motor power when engaged, enhancing safety.



Figure 8: Illustration of the mechanical front and rear disc brakes, emphasizing the power-off brake lever feature.

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Video 3: ANCHEER 26 inch Sunshine Ebike. This video showcases the electric bike in various riding scenarios, demonstrating its features and performance.

3. Maintenance and Care

Regular maintenance ensures the longevity and optimal performance of your electric bike.

3.1 Battery Care

- Charge the battery regularly, especially after long rides or if it has been stored for an extended period.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid fully discharging the battery to prolong its lifespan.

3.2 Tire Maintenance

- Check tire pressure before each ride and inflate to the recommended PSI.
- Inspect tires for wear, cuts, or punctures regularly.



Figure 9: The 26-inch double-layer aluminum alloy mountain wheel with anti-slip resistant thick tire, suitable for various terrains.

3.3 Brake System Maintenance

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake levers are responsive and provide adequate stopping power. Adjust cable tension if needed.

3.4 General Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid using high-pressure water jets directly on electrical components.

3.5 Component Replacement

The bike features convenient replacement connectors for all electrical accessories. This allows for direct replacement of

parts at the connector without needing to access complex internal wiring.



Figure 10: Illustration of the waterproof connectors for easy accessory replacement and the front wheel quick-release skewer.

4. Troubleshooting

This section addresses common issues you might encounter with your electric bike.

- **Issue:** Motor not providing assistance or throttle not working.
  Solution: Check if the battery is fully charged and securely locked. Ensure all electrical connections are firm. Verify the display is powered on and the correct pedal assist level is selected.
- **Issue:** Brakes feel loose or are not stopping effectively.
  Solution: Inspect brake pads for wear. Adjust the brake cable tension at the caliper or lever. If the disc brake rubs, adjust the caliper position.
- **Issue:** Display is not turning on.
  Solution: Check battery connection and charge level. Ensure the power button on the display or battery is pressed correctly.
- **Issue:** Pedals are difficult to turn or make noise.
  Solution: Ensure pedals are correctly installed and tightened. Check the chain for proper lubrication and tension.

5. Technical Specifications

Feature	Specification
Bike Type	Electric Bike, Mountain Bike
Brand	ANCHEER
Model Name	AMA005873
Motor	500W Brushless Geared (Peak 750W)
Battery	48V/374Wh Lithium-ion

Max Speed	20 MPH
Range (Pedal Assist)	Up to 45 miles (low assist)
Number of Speeds	21
Wheel Size	26 Inches
Frame Material	Aluminum Alloy
Suspension Type	Front
Brake Style	Disc (Mechanical Front and Rear)
Item Weight	28 Kilograms (approx. 61.7 lbs)
Maximum Weight Recommendation	330 Pounds
Electric Assist Type	Pedal Assist, Throttle Assist
Assembly Required	Yes (85% pre-assembled)



Figure 11: Key dimensions of the ANCHEER electric bike and recommended rider height (5'3"-6'4").

6. Warranty and Customer Support

6.1 Warranty Information

ANCHEER provides a one-year service warranty for the electric motor, battery, and other main replaceable parts. For free replacement parts within one year of purchase, provide corresponding pictures or videos to prove that the parts are damaged.

6.2 Contact Support

For any questions or support needs, please contact ANCHEER customer service:

- **Direct Contact:** Find us directly by order. We aim to reply as soon as possible within 24 hours on working days.
- **Telephone Service:** Available if needed.
- **Returns:** We accept returns within one month from the date of purchase.

- **Email Support:** Scan the QR code for email support. Click here for Messenger support.



Figure 12: ANCHEER customer service details, including contact information and a QR code for email support.

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