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› ANCHEER /

› ANCHEER Electric Bike for Adults, 26" Sunshine Ebike (Model AMAK00026) - Instruction Manual

ANCHEER AMAK00026

ANCHEER 26" Sunshine Electric Bike (AMAK00026) Instruction Manual

Your guide to assembly, operation, and maintenance.

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your ANCHEER 26" Sunshine Electric Bike, model AMAK00026. Please read it thoroughly before your first ride and retain it for future reference. This electric bicycle is designed for adult use, offering pedal-assist and throttle modes for varied riding experiences.



Figure 1: ANCHEER 26" Sunshine Electric Bike (AMAK00026)

2. SETUP AND ASSEMBLY

Your ANCHEER Sunshine electric bike arrives 85% pre-assembled. The following steps detail the completion of the assembly process. For a visual guide, please refer to the assembly video provided below.

2.1 Unboxing and Preparation

Carefully remove all packaging materials from the bicycle components. Ensure all parts listed in the packing list are present before proceeding.

Figure 2: Unboxing the ANCHEER Electric Bike

2.2 Handlebar Installation

1. Loosen the four screws on the handlebar stem using the attached tool.
2. Position the handlebar into the stem, ensuring the front fork U-shaped baffle faces forward to prevent the

front wheel from reversing and hitting the pedal, which is a safety hazard.

3. Tighten the four screws securely.



Figure 3: Installing the Handlebar

2.3 Seat Installation

1. Attach the reflector to the seat post.
2. Insert the seat post into the frame. Adjust the height to your preference.
3. Ensure the seat post does not exceed the safety line marked on the post.
4. Secure the seat post clamp.



Figure 4: Installing the Seat

2.4 Front Disc Brake Installation

1. Attach the front disc brake caliper to the fork using the provided bolts.
2. Ensure the brake cable is properly routed and secured.



Figure 5: Installing the Front Disc Brake

2.5 Front Wheel Installation

1. Carefully align the front wheel with the fork.
2. Ensure the disc is snapped into the groove of the disc brake caliper.
3. Insert the quick-release skewer through the wheel hub and fork.
4. Assemble the safety spacer, spring, and nut on both sides of the skewer. The safety spacer must be aligned with the slot reserved on the wheel.
5. Tighten the quick-release lever securely.



Figure 6: Installing the Front Wheel

2.6 Kickstand Installation

1. Attach the kickstand to the designated mounting points on the bike frame.
2. Secure it with the provided bolts and tighten them firmly.



Figure 7: Installing the Kickstand

2.7 Pedal Installation

1. Identify the left (L) and right (R) pedals.
2. The left pedal screws in counter-clockwise, and the right pedal screws in clockwise.
3. Hand-tighten the pedals first, then use a wrench to fully secure them.



2.8 Headlight, Bell, and Reflectors Installation

1. Mount the headlight to the front fork, paying attention to its fixed position.
2. Install the bell and front reflector on the handlebar.



Figure 9: Installing Headlight, Bell, and Reflectors

2.9 Battery Installation

1. Tear off the insulating paper from the battery terminals.
2. Slide the battery into its compartment on the bike frame until it clicks into place.
3. Use the key to lock the battery securely.



Figure 10: Installing the Battery

2.10 Assembly Video

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Video 1: ANCHEER Sunshine Electric Bike Unboxing and Assembly Guide. This video demonstrates the complete assembly process for your electric bike.

3. OPERATING INSTRUCTIONS

The ANCHEER Sunshine Electric Bike offers multiple riding modes to suit your preferences and terrain.

3.1 Working Modes

- **PAS Mode (Pedal Assist):** The motor provides assistance as you pedal. There are 5 levels of pedal assist to choose from, allowing you to customize the amount of power. This mode offers a range of up to 55 miles on low assist.
- **Throttle Mode:** Engage the throttle to propel the bike without pedaling. You can switch between 1-5 levels on the LCD display to control speed, reaching up to 22 MPH. This mode offers a range of 22-25 miles.
- **Cruise Mode:** To activate, maintain a speed of 10 km/h and long-press the "-" key for three seconds. The bike will maintain a fixed speed.
- **Pure Pedal Mode:** Ride the bike like a traditional bicycle without any motor assistance.



Figure 11: Electric System Modes and Range

3.2 LCD Display

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

- **Battery Level:** Indicates remaining battery charge.
- **Pedal Assist Level:** Shows the current assist level (1-5).
- **Speed Display:** Displays current speed in MPH or KMH.
- **Mileage:** Tracks your total distance traveled.

SAFE AND INTELLIGENT CONTROL LCD-DISPLAY



Battery Level



1-5 Levels for Pedal Assist



Speed Display: MPH & KMH



Mileage



Figure 12: LCD Display Interface

3.3 Riding Safely

Always wear a helmet and appropriate safety gear. Be aware of your surroundings and traffic laws. The bike is heavy (approximately 50 lbs), so allow ample stopping distance, especially at higher speeds. The mechanical disc brakes provide reliable stopping power, but anticipate your stops.

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Video 2: ANCHEER Sunshine Electric Bike in action, showcasing its features and riding capabilities.

4. MAINTENANCE

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

4.1 General Bike Maintenance

- **Brakes:** Regularly check the front and rear disc brakes for wear and proper function. Adjust or replace brake

pads as needed.

- **Tires:** Maintain correct tire pressure as indicated on the tire sidewall. Inspect tires for punctures or excessive wear.
- **Chain and Gears:** Keep the chain clean and lubricated. Ensure the 21-speed transmission shifts smoothly.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially on critical components like the handlebars, seat post, and wheels.



Figure 13: Mechanical Disc Brakes

4.2 Battery Care

- Charge the 48V/374Wh lithium battery regularly, even if not in use, to maintain its health.
- Avoid fully discharging the battery frequently.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- The bike features an integrated waterproof line (PX54 rated) for enhanced durability against splashes, but avoid submerging the bike.

REMOVABLE

• 374.4Wh

Throttle Mode Mileage: 22-25Miles

PAS Mode Mileage:22-45Miles

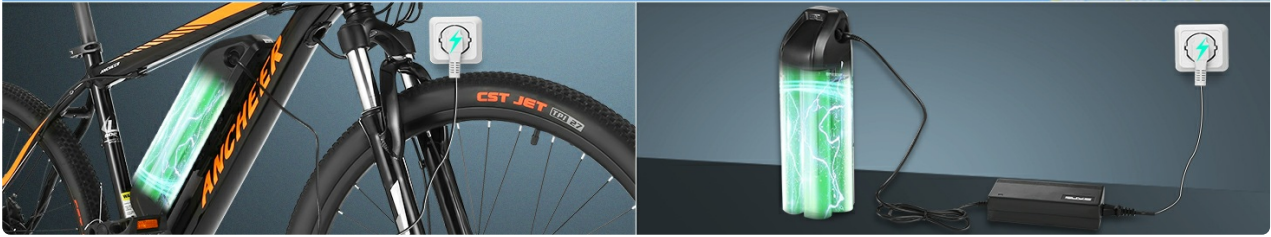
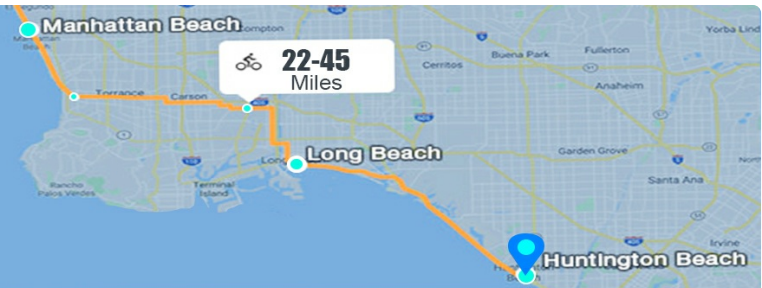


Figure 14: Removable Battery Charging

5. TROUBLESHOOTING

If you encounter any issues with your ANCHEER electric bike, refer to the following common problems and solutions. For more complex issues, contact technical support.

- **Motor not assisting:** Check if the battery is charged and properly seated. Ensure the pedal assist level is not set to zero.
- **Brakes feel weak:** Inspect brake pads for wear. Adjust brake cable tension. If issues persist, professional service may be required.
- **Unusual noises:** Check for loose components, rubbing parts (e.g., brake disc, chain), or debris in the drivetrain.
- **Display not working:** Ensure all electrical connections are secure. Check battery charge.

For further assistance, please contact ANCHEER customer support.

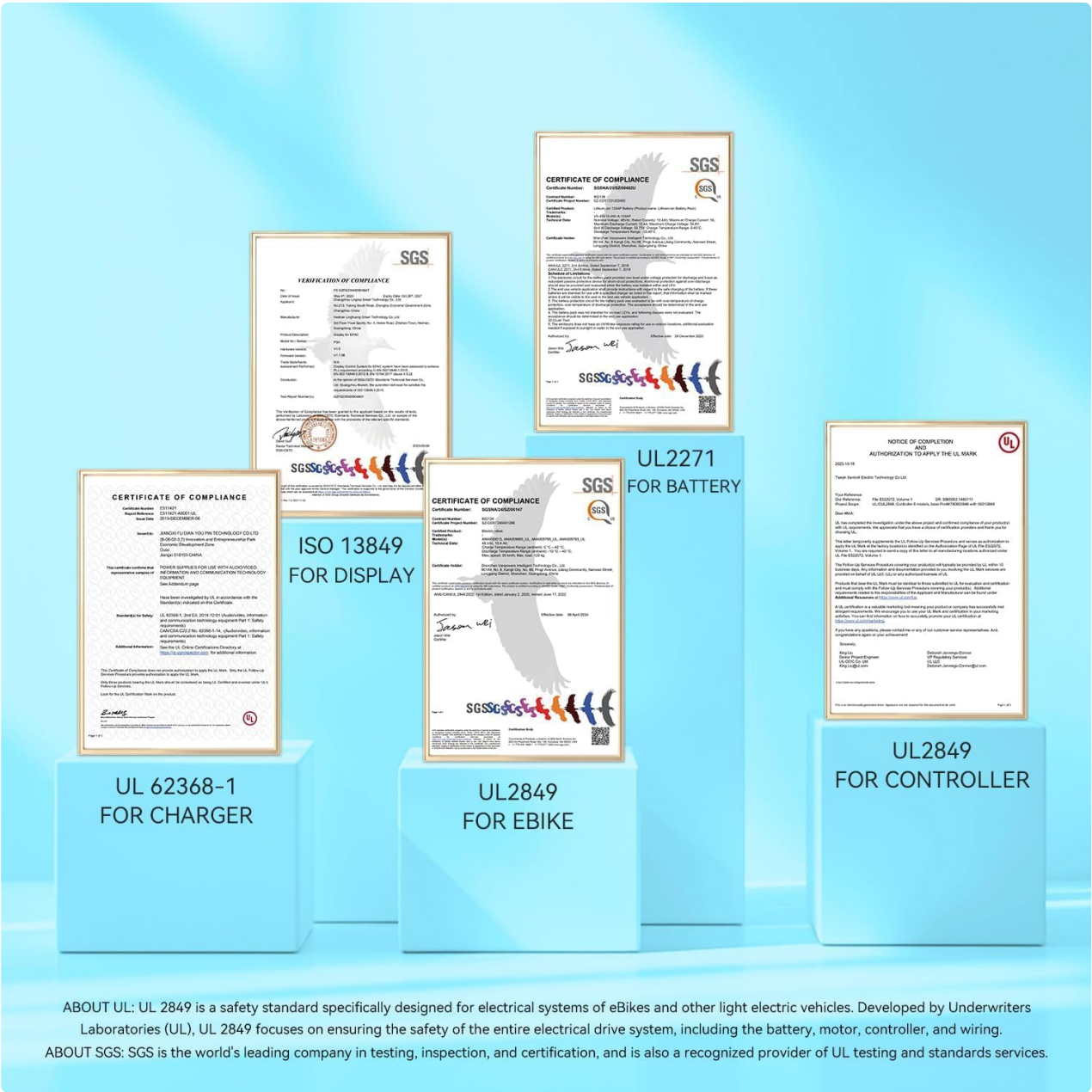
6. SPECIFICATIONS

| Feature | Specification |
|--------------------------|---|
| Model Name | AMAK00026 |
| Motor | 500W Brushless Geared Motor (750W Peak) |
| Battery | 48V/374Wh Removable Lithium-ion |
| Max Speed | 20-22 MPH |
| Range (PAS Mode) | Up to 55 Miles |
| Range (Throttle Mode) | 22-25 Miles |
| Gears | 21-Speed Transmission System |
| Wheel Size | 26 Inches |
| Frame Material | Aluminum Alloy |
| Suspension Type | Front |
| Brake Style | Mechanical Front and Rear Disc Brakes |
| Bike Weight | Approximately 50 lbs |
| Max Load Capacity | 265 lbs |
| Recommended Rider Height | 5'2" - 6'1" |
| Waterproof Rating | PX54 Integrated Waterproof Line |
| Certification | UL2849 Compliant (SGS Certified) |
| UPC | 840533801220 |

7. WARRANTY AND SUPPORT

ANCHEER is committed to providing quality products and support.

- **Warranty:** The electric motor, battery, and other main replaceable parts are covered by a one-year limited warranty.
- **Technical Support:** ANCHEER provides lifetime technical support for your electric bike.
- **Safety Compliance:** This product is SGS certified to the UL2849 standard for the entire electric bike, ensuring safety for its electrical systems.



ABOUT UL: UL 2849 is a safety standard specifically designed for electrical systems of eBikes and other light electric vehicles. Developed by Underwriters Laboratories (UL), UL 2849 focuses on ensuring the safety of the entire electrical drive system, including the battery, motor, controller, and wiring.

ABOUT SGS: SGS is the world's leading company in testing, inspection, and certification, and is also a recognized provider of UL testing and standards services.

Figure 15: UL2849 and Other Certifications

For warranty claims or technical assistance, please refer to the contact information provided with your purchase or visit the official ANCHEER website.