ANCHEER 26-inch Electric Mountain Bike

ANCHEER 26-inch Electric Mountain Bike User Manual

Model: 26-inch Electric Mountain Bike

Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your ANCHEER 26-inch Electric Mountain Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your bicycle. Keep this manual for future reference.



Image: The ANCHEER 26-inch Electric Mountain Bike, showcasing its design and components.

Safety Information

Your safety is paramount. Always adhere to the following guidelines:

- **Helmet Use:** Always wear a certified bicycle helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, battery, and all fasteners to ensure they are secure and functioning correctly.
- **Braking:** Familiarize yourself with the front and rear disc brakes. Practice braking in a safe area to understand their response. Avoid sudden, hard braking, especially with the front brake, which can cause loss of control.
- **Battery Care:** Do not expose the battery to extreme temperatures or moisture. Use only the provided charger. Never fully deplete the battery; charge it regularly.
- **Traffic Laws:** Obey all local traffic laws and regulations. Use appropriate hand signals.
- **Visibility:** Ride defensively. Use lights and reflective gear, especially during low-light conditions.
- **Weight Limit:** Do not exceed the maximum load capacity of 265 lbs (120 kg).

Setup and Assembly

Your ANCHEER electric bike arrives approximately 85% pre-assembled. The remaining assembly typically involves

attaching the front wheel, handlebars, pedals, and seat. Basic tools are usually included. For detailed visual guidance, refer to the assembly video available on the product page where you purchased the bike.

Assembly Steps:

1. **Unpacking:** 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. Ensure the disc brake rotor is correctly seated between the brake pads. **Do not squeeze the brake lever until the wheel is fully installed.**Verify the quick-release lever is on the correct side and securely fastened.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread them into the crank arms. Note that the left pedal has a reverse thread. Tighten firmly.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height for comfortable riding. Secure the quick-release clamp.
6. **Battery Installation:** Insert the removable battery into its designated slot on the frame and lock it securely.
7. **Final Checks:** Double-check all bolts and fasteners for tightness. Ensure brake levers and shifters are in comfortable positions.

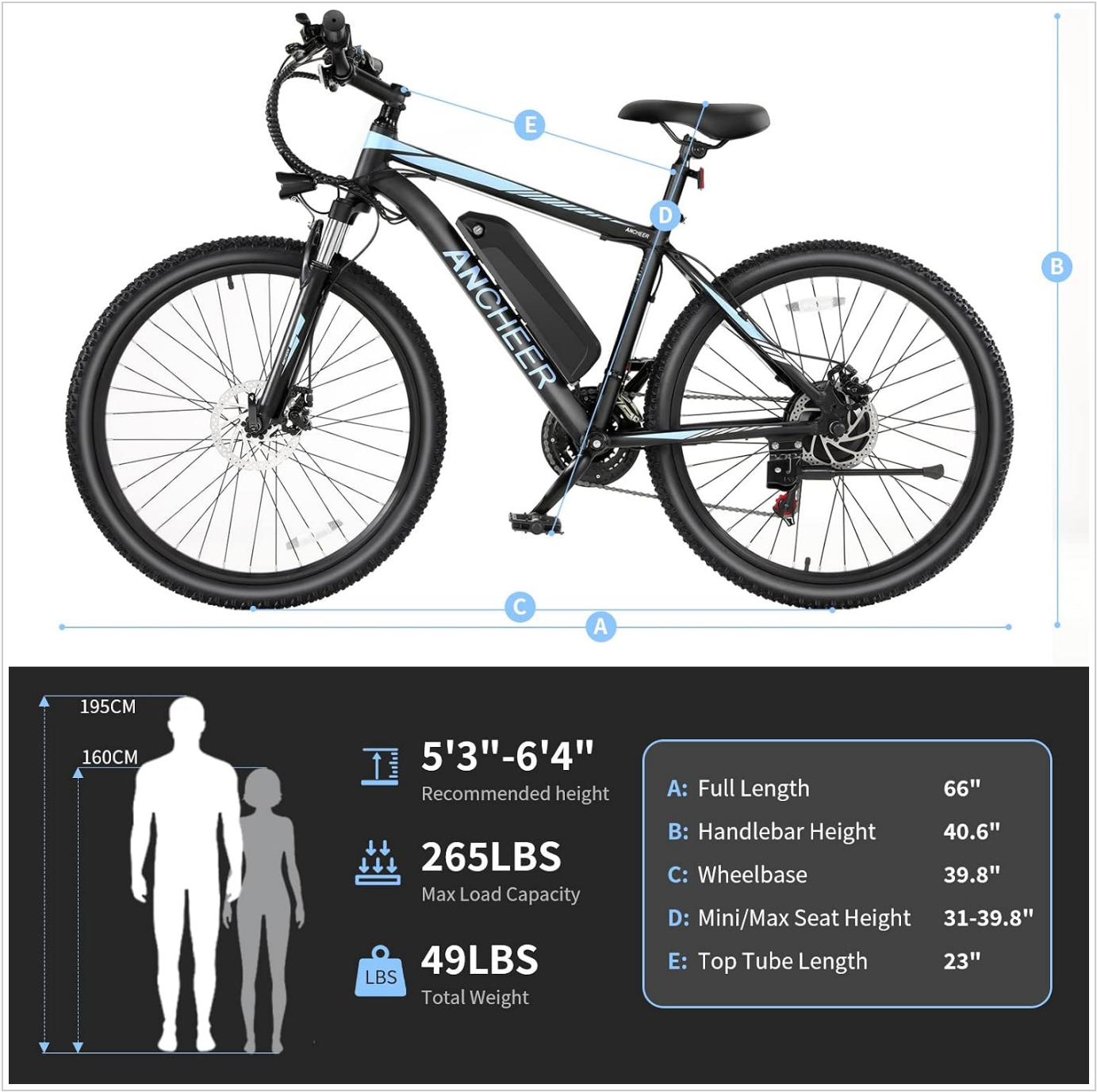


Image: Diagram illustrating the recommended rider height (5'3"-6'4"), maximum load capacity (265 lbs), and total weight (49 lbs) of the ANCHEER electric bike.

Operating Instructions

Powering On/Off:

To power on the electric system, press and hold the power button on the LCD display. Repeat to power off.

Battery and Motor:

Your bike is equipped with a removable 48V/374.4Wh lithium-ion battery and a 500W brushless geared motor. The battery provides power for the electric assist modes.



Image: Close-up of the removable 48V/374.4Wh battery, highlighting its protection features and indicating Pedal Assist (PAS) and Throttle modes.

Riding Modes:

The bike offers two primary electric riding modes:

- **Pedal Assist System (PAS):** This mode provides electric assistance as you pedal. There are 5 levels of pedal assist (1-5) which can be adjusted via the LCD display. Level 1 provides minimal assistance, while Level 5 provides maximum assistance.
- **Throttle Mode:** The twist throttle allows you to engage the motor without pedaling. This is considered Level 0 assistance. You can switch between pedal assist and throttle mode at any time during your ride.

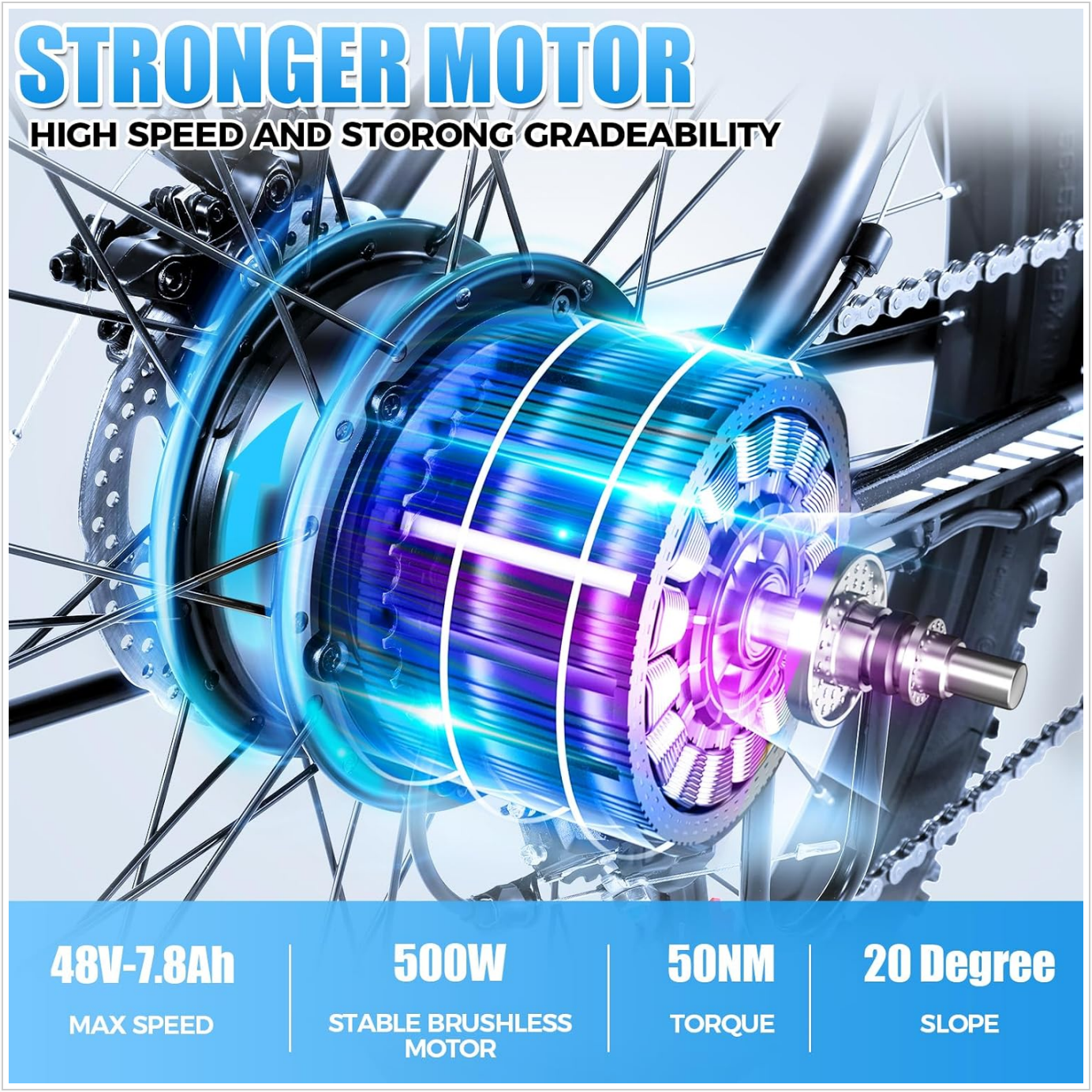


Image: Detailed view of the 500W brushless geared motor integrated into the rear wheel hub, emphasizing its power and gradeability.

LCD Display:

The LCD display provides crucial ride information:

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



Image: The LCD display mounted on the handlebars, showing battery level, pedal assist levels, speed, and mileage for intelligent control.

Gears:

The bike features a 21-speed transmission system. Use the shifters on the handlebars to select appropriate gears for varying terrain and speed requirements. Shift smoothly to avoid strain on the drivetrain.

Brakes:

The ANCHEER electric bike is equipped with front and rear disc brakes for reliable stopping power. Ensure brake levers are easily accessible and provide firm, consistent braking. Regularly check brake pads for wear.

Maintenance

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

- **Cleaning:** Clean your bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Battery Care:** Charge the battery after each ride, or at least once a month if not in use, to maintain its health. Avoid

completely draining the battery. Store the battery in a cool, dry place.

- **Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the range indicated on the tire sidewall.
- **Chain Lubrication:** Lubricate the chain regularly, especially after riding in wet conditions, to ensure smooth shifting and prevent rust.
- **Brake Inspection:** Periodically check brake pads for wear and replace them when necessary. Ensure brake cables are not frayed and disc rotors are clean.
- **Fastener Check:** Regularly inspect all bolts, nuts, and quick releases for tightness.
- **Electrical Connectors:** The bike features waterproof connectors for electrical accessories, simplifying replacement if needed. If a component requires replacement, it can often be done at the connector without accessing the main controller.

Troubleshooting

This section addresses common issues you might encounter. For problems not listed here or if you are unsure, consult a professional bike mechanic.

Problem	Possible Cause	Solution
Motor not engaging / No power assist	Battery low or not connected; System not powered on; Loose electrical connection.	Charge battery; Power on display; Check battery connection and other visible electrical connections.
Brakes squealing or ineffective	Contaminated brake pads/rotors; Worn brake pads; Improper brake adjustment.	Clean rotors and pads; Replace worn pads; Adjust brake calipers or cable tension. Refer to resources on "bedding in" new disc brakes.
Difficulty shifting gears	Derailleur misalignment; Stretched cable; Damaged derailleur or shifter.	Adjust derailleur; Check cable tension; Inspect for damage. Ensure any plastic spacers in the front derailleur are correctly positioned.
Tires frequently flat or losing air	Puncture; Improper tire pressure; Loose spokes.	Inspect for punctures and repair; Maintain correct tire pressure; Check spoke tension and tighten if necessary.
LCD display not working	Loose connection; Damaged display.	Check display cable connection; Contact support for replacement if damaged.

Many common issues, such as squeaky brakes or wheel wobbles, can often be resolved with proper adjustment and maintenance. Online resources and local bike shops can provide further assistance.

Specifications

Feature	Detail
Bike Type	Electric Mountain Bike
Motor	500W Brushless Geared Motor
Battery	Removable 48V/374.4Wh Lithium-ion
Top Speed (Electric Assist)	Up to 20 MPH (32 KM/H)
Range (Pedal Assist)	Up to 40 miles (65 KM) on low pedal assist level

Feature	Detail
Wheel Size	26 Inches
Frame Material	Aluminum Alloy
Gears	21-Speed Transmission System
Brakes	Front and Rear Disc Brakes
Suspension	Front Suspension Fork
Display	LCD Display (Battery Level, PAS Level, Speed, Mileage)
Max Load Capacity	265 lbs (120 kg)
Total Weight	49 lbs (22.2 kg)
Recommended Rider Height	5'3" - 6'4" (160 cm - 195 cm)

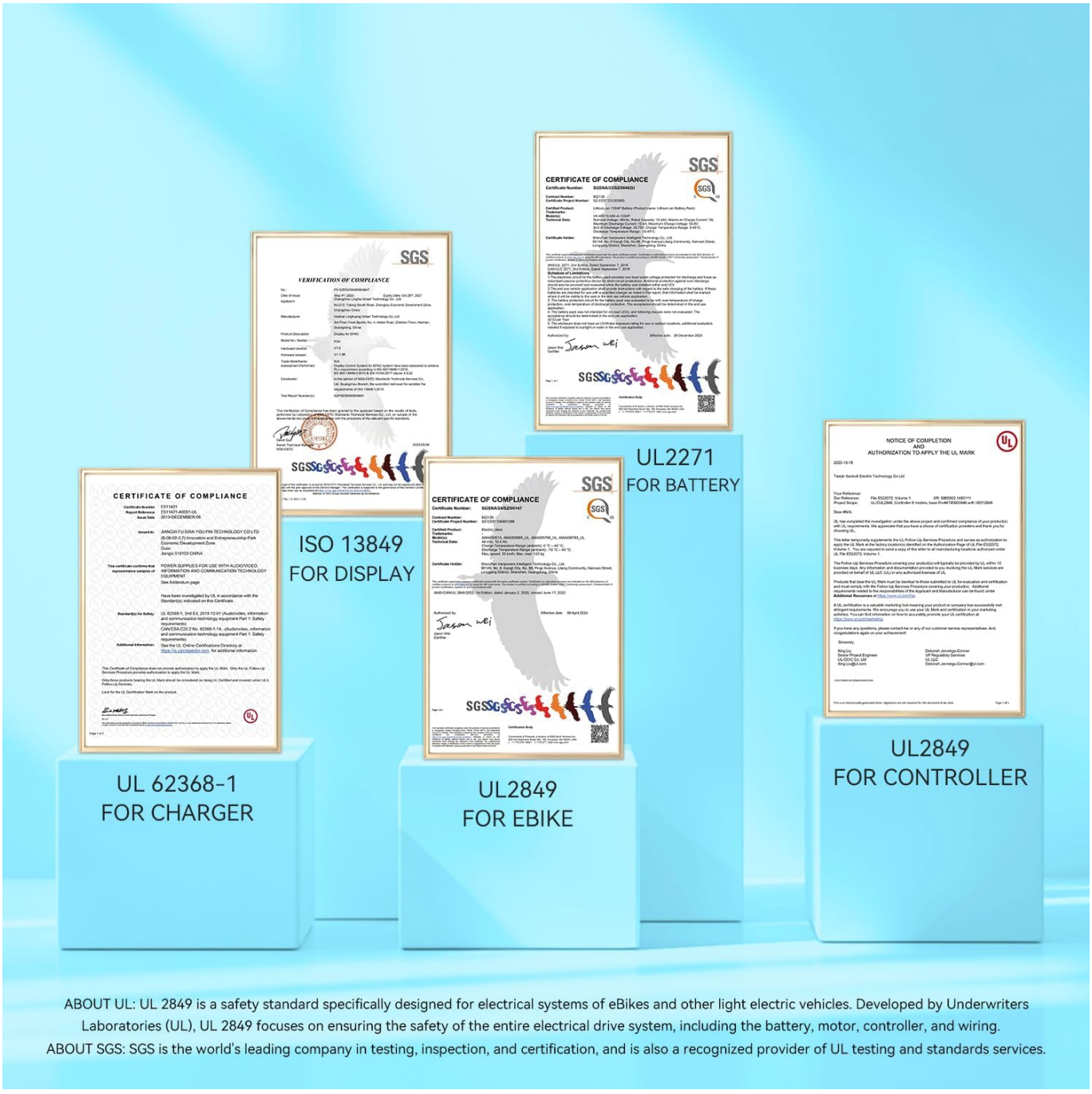


Image: Certificates of compliance for various UL standards, including UL2271 for the battery and UL2849 for the ebike, ensuring safety and quality.

Warranty and Support

ANCHEER provides a one-year service warranty for the electric motor, battery, and other main replaceable parts. This warranty covers manufacturing defects and ensures peace of mind regarding the core components of your electric bike. For technical assistance, warranty claims, or to order replacement parts, please contact ANCHEER customer support through the retailer where you purchased the product or visit the official ANCHEER website for contact information. When contacting support, please have your purchase details and model information readily available.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question