Misodo G26

Misodo G26 Electric Bike User Manual

Model: G26

1. Introduction

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your Misodo G26 Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience. Retain this manual for future reference.
The Misodo G26 Electric Bike is designed for adult use, featuring a powerful 1500W peak motor, a 48V 10Ah removable battery, and 26-inch wheels, suitable for various terrains including city streets and trails.

2. Safety Information

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

- **Wear a Helmet:** Always wear an approved bicycle helmet that fits correctly.
- **Obey Traffic Laws:** Follow all local traffic laws, regulations, and signage.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, battery charge, and ensure all quick releases and fasteners are secure.
- **Visibility:** Use the integrated headlight and consider additional reflective gear, especially when riding in low light conditions.
- **Weather Conditions:** Exercise caution when riding in wet conditions. Dual disc brakes reduce braking distance, but wet surfaces require increased stopping distance.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 350 pounds.
- **Age Range:** This electric bike is intended for adult riders. Minimum user height is 4.9 feet.

3. Package Contents

Upon unpacking, verify that all components are present:

- Misodo G26 Electric Bike (95% pre-assembled)

- 48V 10Ah Removable Battery
- Battery Charger
- Tool Kit
- Pedals
- Front Fender and Rear Fender
- User Manual (this document)

4. Setup and Assembly

Your Misodo G26 Electric Bike arrives 95% pre-assembled. The following steps outline the final assembly process:

1. **Handlebar Installation:** Attach the handlebar to the stem and tighten the bolts securely. Ensure the handlebar is centered and aligned with the front wheel.
2. **Front Wheel Installation:** If not already installed, attach the front wheel to the front fork. Ensure the quick release or axle nuts are tightened properly.
3. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms. The left pedal threads counter-clockwise, and the right pedal threads clockwise. Tighten firmly with a wrench.
4. **Seat Post and Saddle:** Insert the seat post into the frame's seat tube. Adjust the saddle height to a comfortable riding position where your feet can touch the ground when stopped. Secure the quick release lever.
5. **Fender Installation:** Attach the front and rear fenders using the provided hardware.
6. **Battery Installation:** Insert the 48V 10Ah removable battery into its designated slot on the frame. Ensure it clicks into place and is locked if applicable.
7. **Initial Battery Charge:** Fully charge the battery before your first ride. Refer to the 'Battery Charging' section for details.



Image: The Misodo G26 Electric Bike, fully assembled and ready for use. This image shows the overall design and key components of the bike.

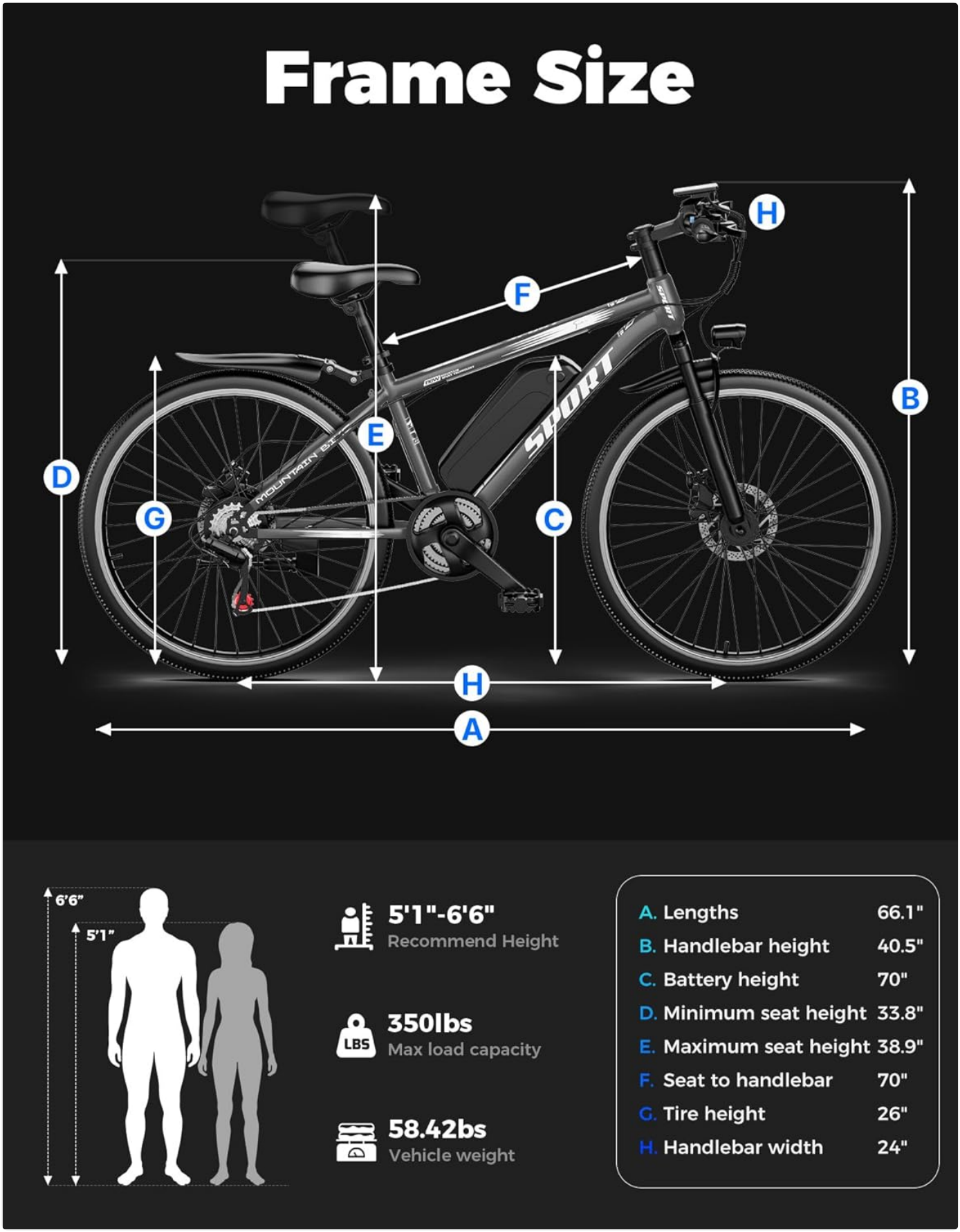


Image: Diagram illustrating the frame size and key dimensions of the Misodo G26 Electric Bike, including recommended rider height and maximum load capacity.

5. Operating Instructions

5.1 Powering On/Off

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

5.2 LCD Display Functions

The multi-function LCD display provides real-time riding data:

- **Battery Level:** Indicates the remaining battery charge.
- **Current Speed:** Displays your current riding speed.
- **Cycling Mileage:** Shows trip distance or total odometer.
- **PAS Level:** Indicates the current Pedal Assist System level (1-5).



Image: Close-up of the Misodo G26 Electric Bike's LCD display, showing various metrics like battery level, current speed, mileage, and pedal assist level.

5.3 Pedal Assist System (PAS)

The Misodo G26 features 5 levels of pedal assist. Use the '+' and '-' buttons on the handlebar control to adjust the PAS level. Higher levels provide more motor assistance, making pedaling easier and increasing speed. Level 0 means no motor assistance, relying solely on pedal power.

5.4 Throttle Operation

The bike is equipped with a throttle for instant power without pedaling. Gently twist the throttle on the handlebar to engage the motor. The amount of twist controls the speed. Always use the throttle responsibly and be aware of your surroundings.

5.5 Gear Shifting

The professional 7-speed gear shifter allows you to adapt to different terrains. Use the shifter to change gears, similar to a traditional bicycle. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

5.6 Braking

The Misodo G26 is equipped with dual mechanical disc brakes for reliable stopping power. Apply both brake levers simultaneously for balanced and effective braking. Practice braking in a safe area to become familiar with their response.



Image: Visual representation of the Misodo G26 Electric Bike's 400-lumen headlight, dual disc brakes, and puncture-proof tires, highlighting safety features.

5.7 Riding Experience

The bike features a high-strength front fork suspension system and 26"x2.0" tires, designed to absorb bumps and provide comfort across various terrains, from city streets to rugged trails.



Image: Detail of the Misodo G26 Electric Bike's front fork suspension and 26"x2.0" tire, indicating its suitability for city, snow, sand, and mountain terrains.

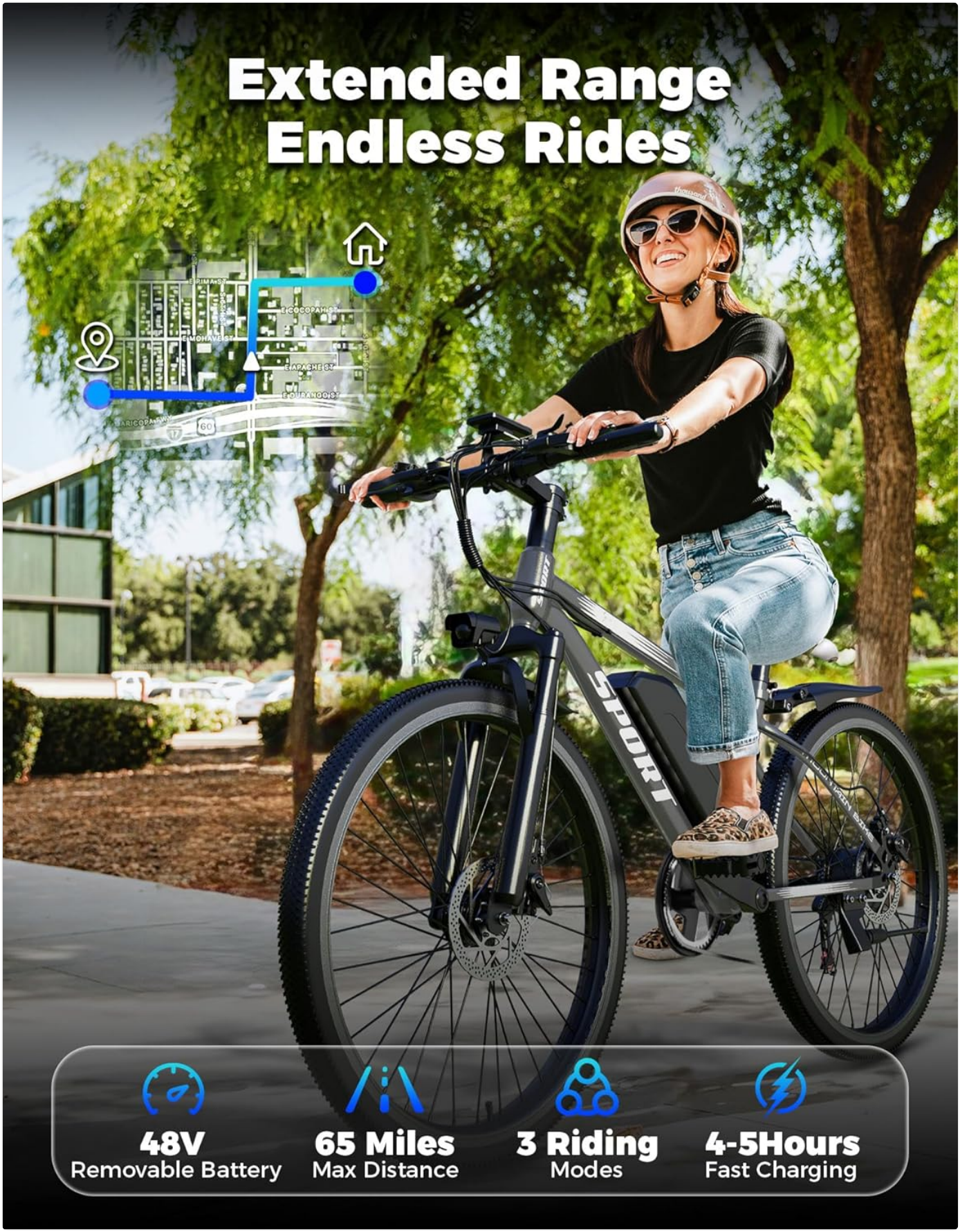


Image: A rider enjoying the Misodo G26 Electric Bike, illustrating its extended range capabilities with a 48V removable battery, 65 miles max distance, 3 riding modes, and 4-5 hours fast charging.



Image: Diagram showing the internal components of the Misodo G26 Electric Bike's 1500W peak motor, highlighting its robust power delivery, 28 mph max speed, and 30-degree gradient climbing ability.

6. Maintenance

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

6.1 Battery Care and Charging

- The 48V 10Ah battery provides a range of 45-65 miles and charges in 4-5 hours.
- Charge the battery using the provided charger. The battery can be charged on or off the bike.
- For new batteries, perform an activation process: After each ride, regardless of remaining power, charge for more than 10 hours. Repeat this 3-5 times to optimize performance.
- Avoid completely draining the battery regularly. Charge it after each significant ride.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, charge it to 50-70% every 1-2 months.



Image: Illustration of the two fast and safe charging methods for the Misodo G26 Electric Bike, showing both on-bike and off-bike charging options for the 480Wh Lithium-Ion battery with BMS intelligent safety and anti-theft design.

6.2 Tire Maintenance

- Regularly check tire pressure. Maintain the recommended PSI (pounds per square inch) indicated on the tire sidewall for optimal performance and safety.

- Inspect tires for wear, cuts, or embedded objects. While the tires are designed to be robust, punctures can still occur.

6.3 Brake System

- Periodically check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. If they feel spongy, the brakes may need adjustment or bleeding by a qualified technician.

6.4 General Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components. Dry thoroughly after cleaning.

6.5 Chain and Drivetrain

Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.

7. Troubleshooting

This section addresses common issues you might encounter with your Misodo G26 Electric Bike.

7.1 Bike Not Powering On

- **Check Battery:** Ensure the battery is fully charged and correctly seated in its compartment.
- **Check Connections:** Verify all electrical connections are secure.
- **Power Button:** Confirm you are pressing and holding the power button on the display for a few seconds.

7.2 Reduced Battery Range

- **Riding Conditions:** Battery range is affected by rider weight, terrain (hills), wind, temperature, and PAS level used. Heavier loads, hilly terrain, strong headwinds, and lower temperatures will reduce range.
- **Battery Age/Activation:** New batteries may require 3-5 full charge cycles (10+ hours each) to reach optimal performance. Over time, battery capacity naturally decreases.
- **Tire Pressure:** Under-inflated tires increase rolling resistance and reduce range.

7.3 Motor Not Assisting

- **PAS Level:** Ensure the PAS level is set to 1 or higher on the display.
- **Battery Charge:** Check if the battery has sufficient charge.
- **Brake Levers:** Some e-bikes have safety cut-off switches on the brake levers. Ensure brake levers are not partially engaged.

7.4 Brakes Squealing or Ineffective

- **Brake Pads:** Inspect brake pads for wear or contamination (oil/grease). Clean or replace as needed.
- **Adjustment:** Brakes may require adjustment. Consult a bike mechanic if you are unsure.

For issues not covered here, please contact customer support.

8. Specifications

Feature	Specification
Brand	Misodo
Model Name	G26
Bike Type	City Bike, Electric Mountain Bike
Motor	1500W Peak Brushless Motor
Max Speed	Up to 25 MPH
Climbing Ability	Up to 30-degree gradient
Battery	48V 10Ah (480 Wh) Removable Lithium-Ion
Range per Charge	45-65 Miles (depending on conditions)
Charging Time	4-5 Hours
Number of Speeds	7-Speed Gear Shifter
Wheel Size	26.02 Inches
Tires	26"x2.0"
Frame Material	Alloy Steel
Suspension Type	Dual (Front Fork Suspension)
Brake Style	Dual Mechanical Disc Brakes
Special Features	Digital Display, Removable Battery
Item Weight	50.7 Pounds
Maximum Weight Recommendation	350 Pounds
Minimum User Height	4.9 Feet

9. Warranty and Support

9.1 Warranty Information

The Misodo G26 Electric Bike comes with a**36-month warranty**. This warranty covers manufacturing defects and ensures peace of mind for your purchase. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Misodo customer support. Refer to the contact information provided with your purchase or visit the official Misodo website for support details.

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

Answered questions about this manual

What do error codes 3 and 8 mean on the Misodo G26 electric bike, and why does the battery stop working after 20 minutes?

Based on the Misodo G26 manual and common e-bike display standards, specific definitions for "Error 3" and "Error 8" are not explicitly listed in the provided troubleshooting section. However, these codes typically refer to...

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