Misodo G26

Misodo G26 Electric Bike User Manual

Model: G26

1. Introduction

Welcome to the Misodo G26 Electric Bike user manual. This guide provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric bicycle. The Misodo G26 is designed for adults, featuring a powerful 1500W peak motor, a 48V 10Ah removable battery, 7-speed gearing, and a maximum speed of 28 MPH, offering a range of up to 65 miles. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. Safety Information

Your safety is paramount. Always adhere to local traffic laws and regulations when operating your electric bike. Failure to follow safety guidelines can result in serious injury or damage to the bike.

2.1 General Safety Precautions

- **Wear a Helmet:** Always wear an approved bicycle helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect tires for proper inflation and condition, check brake functionality, ensure all quick releases and fasteners are secure, and verify the battery is properly seated and charged.
- **Visibility:** Use the integrated headlight and taillight (if equipped) during low-light conditions. Consider wearing reflective clothing.
- **Traffic Laws:** Obey all local traffic laws, signs, and signals. Ride predictably and signal your turns.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions. Braking distance increases significantly.
- **Weight Limit:** Do not exceed the maximum load capacity of 350 lbs (158 kg).

2.2 Battery Safety

- **Charging:** Only use the charger provided by Misodo. Charge the battery in a dry, well-ventilated area, away from flammable materials.
- **Storage:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Do not puncture, drop, or expose the battery to water. If the battery is damaged, discontinue use and contact support.

3. Setup and Assembly

Your Misodo G26 Electric Bike comes 95% pre-assembled. The following steps detail the final assembly required before your first ride.

3.1 Unboxing and Initial Inspection

- Carefully remove the bike and all components from the packaging.
- Inspect for any visible damage during shipping. Report any issues to your retailer immediately.
- Ensure all parts listed in the packing list are present.

3.2 Handlebar Installation

Attach the handlebar to the stem. Ensure the cables are not twisted or pinched. Tighten the screws evenly to secure the handlebar in place.

Your browser does not support the video tag. This video demonstrates the initial assembly steps for the Misodo G26 electric bike, including securing the handlebar and display unit.

Video: Official Misodo video demonstrating initial assembly steps, including handlebar and display installation.

3.3 Front Wheel and Fender Installation

Install the front wheel, ensuring it is centered and the quick release is securely tightened. Attach the front fender if it is not pre-installed.



Image: Close-up view of the Misodo G26 electric bike's front wheel and suspension fork, illustrating the robust design.

3.4 Pedal Installation

Identify the left (L) and right (R) pedals. The right pedal tightens clockwise, and the left pedal tightens counter-clockwise. Apply a small amount of grease to the threads before installation.

3.5 Seat Adjustment

Adjust the seat height to a comfortable position where your feet can touch the ground while seated. Ensure the quick release lever is firmly closed.

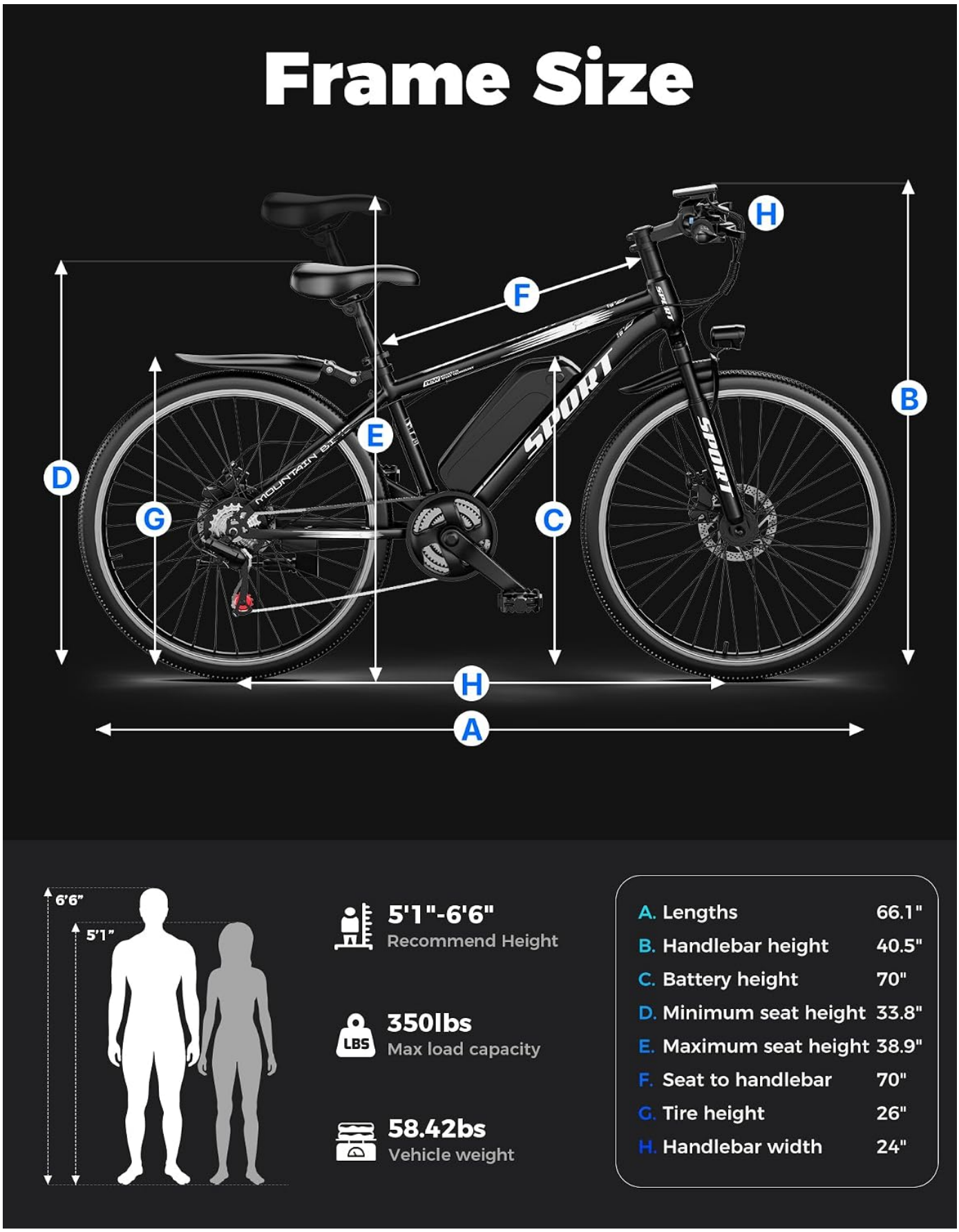


Image: The adjustable seat of the Misodo G26 electric bike, designed for ergonomic comfort and customizable fit.

3.6 Initial Battery Charge

Fully charge the battery before your first ride. The 48V 10Ah battery typically takes 4-5 hours to charge. The battery can be

charged on or off the bike.



Image: Illustration of the two convenient charging methods for the Misodo G26's 480Wh lithium-ion battery.

4. Operating Instructions

Familiarize yourself with the controls and functions of your Misodo G26 Electric Bike before riding.

4.1 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 power button again.

4.2 LCD Display Functions

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

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



Image: The full-color LCD smart display of the Misodo G26 electric bike, showing real-time data like battery level, speed, and mileage.

4.3 Riding Modes

The Misodo G26 offers three riding modes:

- **Pedal Assist Mode (PAS):** Provides motor assistance as you pedal. Adjust the PAS level (1-5) using the controls on the handlebar. Higher levels provide more assistance.
- **Throttle Mode:** Engage the throttle for power without pedaling. This mode is typically used for quick acceleration or maintaining speed without effort.
- **Manual Mode:** Ride the bike like a traditional bicycle without any motor assistance.

4.4 7-Speed Gear Shifting

The professional 7-speed gear shifter allows you to adapt to various terrains and riding conditions. Use lower gears for climbing hills and higher gears for flat terrain or downhill riding.

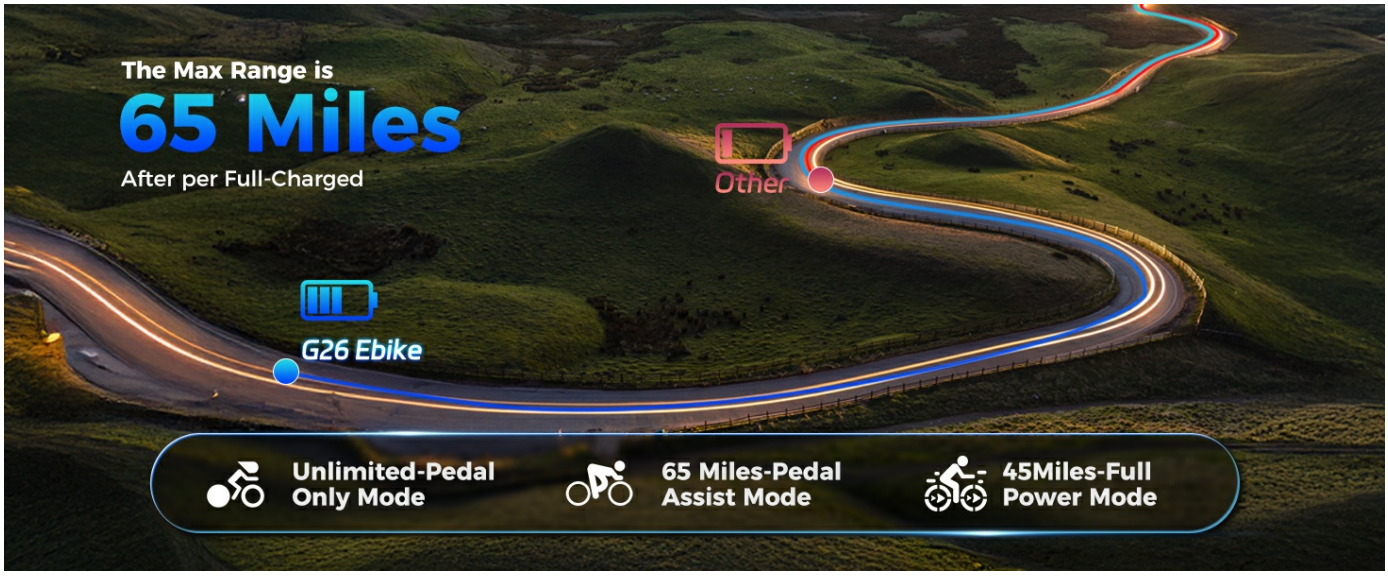


Image: Detailed view of the 7-speed gear system, highlighting the smooth and precise shifting for versatile riding.

4.5 Braking System

The Misodo G26 is equipped with dual mechanical disc brakes for reliable stopping power. Always apply both brakes simultaneously for effective and safe braking. Be aware that braking distance may increase in wet conditions.



Image: Close-up of the dual disc brakes, emphasizing enhanced safety and stopping power.

5. Maintenance

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

5.1 Battery Care

- **Charging Cycle:** For optimal battery life, avoid completely draining the battery. Charge it regularly, especially after long rides.
- **Long-Term Storage:** If storing the bike for an extended period, charge the battery to 50-70% and store it in a cool, dry place. Recharge every 1-2 months to prevent deep discharge.
- **Cleaning:** Keep battery terminals clean and dry.

5.2 Tire Maintenance

- **Tire Pressure:** Check tire pressure before each ride. Maintain the recommended PSI (pounds per square inch) indicated on the tire sidewall for optimal performance and puncture resistance.
- **Inspection:** Regularly inspect tires for wear, cuts, or embedded objects.

5.3 Brake System

- **Brake Pad Wear:** Periodically check brake pads for wear. Replace them when they are thin.
- **Brake Levers:** Ensure brake levers engage smoothly and provide firm stopping power. Adjust cable tension if necessary.

5.4 Chain and Drivetrain

- **Lubrication:** Keep the chain clean and lubricated to ensure smooth shifting and prevent rust.
- **Inspection:** Check the chain and gears for wear or damage.

5.5 General Cleaning

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

6. Troubleshooting

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

6.1 Bike Not Powering On

- **Check Battery:** Ensure the battery is fully charged and properly seated in its compartment.
- **Battery Lock:** Verify the battery is locked into place.
- **Connections:** Check all electrical connections for looseness or damage.

6.2 Reduced Range

- **Tire Pressure:** Under-inflated tires can significantly reduce range. Ensure tires are at recommended PSI.
- **Riding Conditions:** Steep hills, heavy loads, strong headwinds, and frequent starts/stops will reduce range.
- **PAS Level:** Higher PAS levels or continuous throttle use consume more battery power.
- **Battery Age:** Battery capacity naturally degrades over time.

6.3 Brakes Not Effective

- **Brake Pad Wear:** Inspect brake pads for wear and replace if necessary.
- **Cable Tension:** Adjust brake cable tension to ensure proper lever feel and engagement.
- **Contamination:** Ensure brake rotors and pads are free from oil or grease.

For issues not covered here or if troubleshooting steps do not resolve the problem, please contact Misodo customer support.

7. Specifications

Detailed technical specifications for the Misodo G26 Electric Bike.

Feature	Specification
Model Name	G26
Motor	1500W Peak Brushless Motor
Max Speed	Up to 28 MPH
Battery	48V 10Ah (480 Wh) Removable Lithium-Ion
Range	45-65 Miles (Pedal Assist)
Charging Time	4-5 Hours
Gearing	7-Speed Gear Shifter
Brakes	Dual Mechanical Disc Brakes
Wheel Size	26 inches (25.99 Inches)
Tires	26"x2.0"
Frame Material	Alloy Steel
Suspension	Front Fork Suspension (Dual)
Max Load Capacity	350 lbs (158 kg)
Vehicle Weight	58.42 lbs (26.5 kg)
Recommended Rider Height	5'1" - 6'6"
Assembly Required	Yes (95% pre-assembled)
Included Components	Electric Bike x1



Image: Detailed frame size diagram for the Misodo G26 electric bike, including key dimensions and rider suitability.

8. Warranty and Support

8.1 Warranty Information

The Misodo G26 Electric Bike comes with a **1-Year Manufacturer's Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. Specific terms and conditions may apply.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Misodo G26 Electric Bike, please contact Misodo customer support through your retailer or the official Misodo website. Have your model number (G26) and purchase date ready when contacting support.

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Question

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

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