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> Aairsk 26" Electric Bike GT300 User Manual

Aairsk GT300

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Model: GT300

1. INTRODUCTION

Welcome to the Aairsk GT300 Electric Bike user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet when riding. Observe all local traffic laws and regulations. Ensure the bike is in good working condition before each ride.

- **Pre-Ride Check:** Before each ride, inspect tires for proper inflation, check brake functionality, and ensure all bolts and quick releases are secure.
- **Night Riding:** The GT300 is equipped with a 36V bicycle headlight and a rear bicycle reflector for enhanced visibility. Always use these features when riding in low-light conditions.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions. Braking distances may increase.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Aairsk GT300 Electric Bike.



Figure 3.1: Overall view of the Aairsk GT300 Electric Bike, showcasing its design and primary components.



Figure 3.2: Detailed view of the Smart LCD display, 7-speed Shimano shifter, 26-inch tires, and dual disc brakes.



Figure 3.3: Illustration of the detachable 36V 10Ah lithium

battery integrated into the bike frame.



Figure 3.4: Diagram illustrating the powerful 750W peak brushless motor, capable of climbing 20-degree slopes.

Key Components:

- **Motor:** 750W Peak Brushless Motor, providing speeds up to 20-23mph.
- **Battery:** Detachable 36V 10Ah 360WH Lithium Battery with BMS for protection. Offers 40+ miles range in PAS mode.
- **Display:** Colorful LCD Display for speed, battery level, distance, and assistance mode. Features keyless unlock via card key.
- **Gears:** Professional 7-speed Transmission for adapting to various terrains.
- **Suspension:** Adjustable and lockable front suspension, along with a shock-absorbing seat bag for a comfortable ride.
- **Brakes:** Dual Disc Brakes (front and rear) for reliable stopping power.
- **Tires:** 26-inch tires designed for enhanced vibration damping and stability.

4. SETUP

The Airisk GT300 electric bike comes 90% pre-assembled. The included tool kit contains necessary items for final assembly. For detailed visual instructions, please refer to the installation video available on the product page.

Assembly Steps:

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain the original packaging for at least one month in case of return.
2. **Handlebar Installation:** Attach and secure the handlebar to the stem.
3. **Front Wheel Installation:** Install the front wheel, ensuring the disc brake rotor is correctly aligned with the caliper.

4. **Pedal Installation:** Attach the pedals, noting that the left and right pedals are distinct (usually marked L and R).
5. **Seat Post Installation:** Insert the seat post and adjust the seat height for comfortable riding.
6. **Battery Insertion:** Ensure the battery is securely inserted into its compartment.
7. **Initial Charge:** Fully charge the battery before your first ride. Charging time is approximately 5-6 hours.

5. OPERATING INSTRUCTIONS

The Aairsk GT300 offers multiple riding modes and features for a versatile experience.



Figure 5.1: Illustration of the three working modes: Bicycle Mode, Pedal Assist Mode, and Throttle Mode.



Figure 5.2: Details on the adjustable shock-absorbing front fork and the shock-absorbing seat bag for enhanced comfort.

5.1 Powering On/Off

- **Keyless Unlock:** To power on the bike, use the provided card key and touch it to the LCD display. The display will power on. To power off, repeat the process.

5.2 Riding Modes

The GT300 offers three distinct riding modes:

- **Bicycle Mode:** Ride the bike like a traditional bicycle without electric assistance.
- **Pedal Assist Mode (PAS):** Engage pedal assist to make your ride easier. There are 5 assistance levels, which can be selected via the LCD display controls. The motor provides power as you pedal.
- **Throttle Mode:** For a fully electric experience, engage the thumb throttle located on the right-hand grip. This provides power without pedaling.

5.3 Gear Shifting

The professional 7-speed transmission allows you to easily shift gears to adapt to various terrains and riding conditions. Use the Shimano shifter on the handlebar to change gears smoothly.

5.4 Suspension Adjustment

The front suspension is adjustable and lockable. Riders can adjust or lock the suspension fork as needed to suit different riding surfaces, providing a smoother ride on rough terrain and more efficiency on smooth roads.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Aairsk GT300 Electric Bike.

6.1 Battery Care

- **Charging:** Charge the battery using the provided charger. The battery can be fully charged in 5-6 hours.
- **Detachment:** The battery is detachable for convenience. However, it cannot be charged separately when removed from the bike.
- **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 2-3 months to prevent deep discharge.
- **Protection:** The battery's BMS system provides overcharge and overheating protection.

6.2 General Bike Maintenance

- **Tires:** Regularly check tire pressure and inspect for wear or damage. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Periodically check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.
- **Fasteners:** Regularly check all bolts, nuts, and quick releases to ensure they are tight and secure.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Airsk GT300 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not inserted correctly; Battery discharged; Card key not detected.	Ensure battery is fully seated; Charge the battery; Re-tap the card key to the LCD display.
Motor not assisting.	PAS level set to 0; Throttle not engaged; Brake levers engaged; Motor connection loose.	Increase PAS level on display; Engage throttle; Release brake levers; Check motor cable connections.
Short battery range.	Low tire pressure; Frequent use of throttle; Riding uphill frequently; Cold weather.	Inflate tires to recommended pressure; Use PAS mode more often; Ride efficiently; Battery performance may be reduced in cold temperatures.
Brakes feel weak.	Worn brake pads; Loose brake cable; Disc rotor dirty.	Inspect and replace brake pads; Adjust brake cable tension; Clean disc rotors with appropriate cleaner.

If you encounter issues not listed here or require further assistance, please contact Airsk customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Airsk 26" Electric Bike GT300.



Figure 8.1: Diagram illustrating the key size parameters of the Airsk GT300 Electric Bike.

Feature	Specification
Model	GT300
Motor	750W Peak Brushless Motor
Battery	36V 10Ah 360WH Lithium Ion
Max Speed	20-23 mph
Range (PAS Mode)	40+ miles
Charging Time	5-6 hours
Gears	7-Speed Transmission
Brakes	Dual Disc Brakes
Wheel Size	26 Inches
Frame Material	High Carbon Steel
Suspension	Front (Adjustable and Lockable)
Item Weight	28.25 kg (62.28 lbs)
Max Load Capacity	330 lbs
Included Components	1x 26" Electric Bike, Charger, Tool Kit, User Manual

9. WARRANTY AND SUPPORT

Aairsk is committed to providing quality products and customer satisfaction.

- **Manufacturer Warranty:** Your Aairsk GT300 Electric Bike comes with a 12-month manufacturer warranty, covering free replacement parts for manufacturing defects.
- **Technical Support:** We offer lifetime technical support for your product.
- **Contact Us:** If you have any issues with your bike, please send an email with a video or picture detailing the problem to: support@aairsk.com.