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Aairsk SU7-Updated Protection

Aairsk SU7 Electric Bike User Manual

Model: SU7-Updated Protection | Brand: Aairsk

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Aairsk SU7 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your electric bike.



Image: The Aairsk SU7 Electric Bike, featuring a white frame, black tires, and a brown seat, shown from a front-side angle. A small accessory kit including a pump and lock is visible in the top right corner.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. Be aware of your surroundings and ride defensively.

- **Pre-Ride Check:** Before each ride, inspect the brakes, tires (pressure and condition), battery level, and ensure all quick releases and fasteners are secure.
- **Battery Safety:** Do not attempt to open or modify the battery pack. Use only the provided charger. Do not charge the battery in extreme temperatures or near flammable materials.
- **Riding Conditions:** Avoid riding in heavy rain, snow, or icy conditions. Be cautious on uneven or slippery surfaces.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (150 kg).
- **Age Recommendation:** This electric bike is recommended for riders aged 14 and above.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following components are included:

- Aairsk SU7 Electric Bike (main frame, wheels, motor, battery)
- Battery Charger
- Cargo Rack
- Kickstand
- Mudguards (Fenders)
- Reflectors
- Tool Kit for assembly
- User Manual (this document)

4. SETUP AND ASSEMBLY

The Aairsk SU7 Electric Bike comes partially assembled. Follow these steps to complete the assembly:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel, ensuring the disc brake rotor is correctly aligned with the caliper. Secure the quick release or axle nuts.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal threads counter-clockwise, and the right pedal threads clockwise. Tighten them firmly.
5. **Seat Post and Saddle Adjustment:** Insert the seat post into the frame and adjust the saddle height for comfortable riding. Ensure the quick release is securely fastened. The minimum seat height is 29.53 inches.
6. **Accessory Attachment:** Install the mudguards, cargo rack, and reflectors as per the included instructions in the tool kit.
7. **Initial Battery Charge:** Fully charge the battery before your first ride. Refer to the "Battery Charging" section for details.



Image: A rider sitting on the Aairsk SU7 Electric Bike, with key dimensions highlighted: minimum seat height (29.53"), recommended height (5'0"-6'3"), bicycle weight (58.6 lbs), and load capacity (330 lbs).

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 until the display turns off.

5.2 Riding Modes

The Aairsk SU7 offers three riding modes:

- **Electric-Only Mode:** Engage the throttle for pure electric propulsion without pedaling.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. There are 5 levels of pedal assist, adjustable via the '+' and '-' buttons on the LCD display.
- **Normal Bicycle Mode:** Ride the bike like a traditional bicycle with no electric assistance.

Smart, Versatile & Convenient

Monitor speed, distance, assist level, and battery at a glance—all on a crisp LCD. Ride smarter, ride simpler



With the Card Key
Touch the LCD Display, Unlock
Touch the LCD Display again, Lock



Image: Close-up of the Airsk SU7 Electric Bike's multi-function LCD display, showing speed, battery level, and mileage. The controls for adjusting assist levels are visible.

5.3 LCD Display Functions

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

- **Current Speed:** Displays your current riding speed.
- **Total Ride Mileage:** Tracks the total distance traveled.
- **Battery Power:** Indicates the remaining battery charge.
- **PAS Level:** Shows the current pedal assist level (1-5).

The display can be locked/unlocked using the provided card key.

5.4 Gear Shifting

The Airsk SU7 is equipped with a professional 7-speed transmission system. Use the gear shifter on the handlebars to change gears according to terrain and desired pedaling effort. Shift smoothly to avoid strain on the drivetrain.



Light&Speed Control



Adjustable Seat



Rear shelf



7-speed Lever&Thumb Throttle

Image: A collage showing various features of the Aairsk SU7 Electric Bike, including the light and speed control, adjustable seat, rear shelf, and the 7-speed lever with thumb throttle.

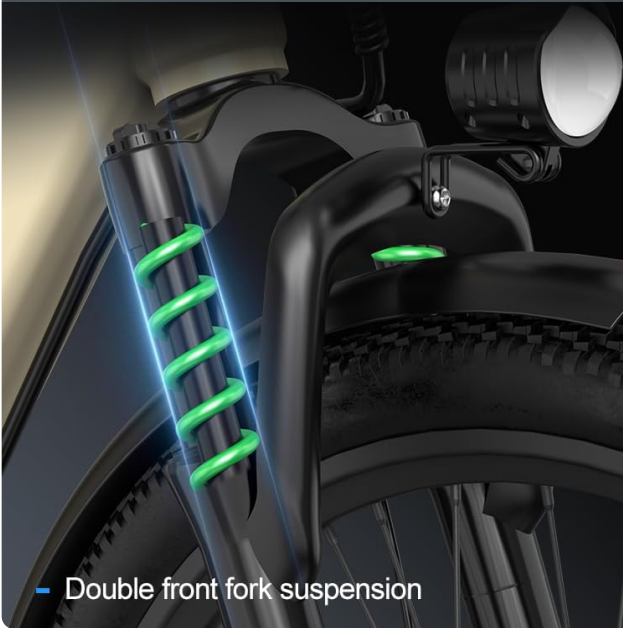
5.5 Braking

The bike features dual disc brakes for precise and instant stopping power. Apply both front and rear brakes simultaneously for effective and controlled deceleration. Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.



Ride Safe, Ride Comfortable

- Double disc brake braking



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- Seat bag


- 
- Rear shelf

Image: Detailed view of the Aairsk SU7 Electric Bike's double disc brake system and the front suspension fork, highlighting safety and comfort features.

5.6 Battery Charging

The 36V 13Ah (468Wh) lithium battery can be charged on or off the bike. It takes approximately 5-6 hours for a full charge. Use only the original charger provided by Aairsk. Do not charge the battery when it is removed from the bike if it is not designed for off-bike charging (the product description states it cannot be charged when removed, so this is important).

Important Note: The battery is detachable and replaceable, but it cannot be charged when removed from the bike.



468WH Lithium battery

Equipped with a 36V13AH battery.

Note: The built-in battery is detachable and replaceable, but it cannot be charged when removed.

36V 13AH
Lithium Battery 

40+Miles
Pedal-Assisted Modes 

Image: A cutaway view of the Aairsk SU7 Electric Bike's frame, showing the internal 468WH Lithium battery pack (36V 13AH) and indicating a range of 40+ miles in pedal-assisted modes.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Aairsk SU7 Electric Bike.

- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 2-3 months. Avoid fully discharging the battery.
- **Tire Pressure:** Check tire pressure regularly. Maintain the recommended pressure (usually indicated on the tire sidewall) for optimal performance and safety.
- **Brake Inspection:** Periodically check brake pads for wear and brake levers for proper tension. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Fastener Check:** Periodically check all bolts, nuts, and quick releases for tightness.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Aairsk SU7 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged; Battery not properly seated; Loose electrical connection.	Charge the battery; Ensure battery is fully inserted; Check all visible connections.
Motor not assisting	PAS level set to 0; Brake levers engaged; Faulty sensor.	Increase PAS level; Ensure brake levers are fully released; Contact support if issue persists.
Short battery range	Under-inflated tires; Riding in high assist levels; Headwinds/hills; Battery degradation.	Inflate tires to recommended pressure; Use lower assist levels; Consider terrain; Contact support if significant degradation.
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable).	Inspect and replace brake pads; Adjust brake cable tension; Seek professional service.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact Aairsk customer support.

8. SPECIFICATIONS

Feature	Detail
Model	SU7-Updated Protection
Motor	750W Peak Brushless Motor (400W Rated Power)
Max Speed	23-25 mph (adjustable via LCD display)
Battery	36V 13Ah (468Wh) Lithium Battery with BMS system
Range	Up to 40 miles (Pedal Assist Mode)
Charging Time	5-6 hours
Wheel Size	24 Inches
Tires	24"x1.95" All-terrain tires
Frame Material	Carbon Steel
Number of Speeds	7-Speed (Shimano transmission)
Brake Type	Dual Disc Brakes
Suspension	Front Suspension (lockable)
Max Load Capacity	330 LBS (150 kg)
Bicycle Weight	58.6 LBS
Recommended Rider Height	5'0" - 6'3"
Special Features	Adjustable Handlebars, Fenders, Multi-function LCD Display, Card Key Unlock
Included Components	Cargo Rack, Kickstand, Mudguard, Reflectors, Tool Kit



Image: Close-up of the Aairsk SU7 Electric Bike's rear wheel and drivetrain, highlighting the 750W Peak Motor with details on rated power (400W), max speed (22MPH), torque (42 N.m), and uphill capability (20° slope).

9. WARRANTY AND SUPPORT

The Aairsk SU7 Electric Bike ("SU7-Upgrade Protection" model) is covered by a **36-month manufacturer warranty**. This warranty includes technical support (fault diagnosis), free replacement parts, and installation videos for replacement parts.

For warranty claims, technical assistance, or any inquiries, please contact Aairsk customer support. When contacting support, please provide a detailed description of the issue, and attach relevant videos and pictures if possible.

Contact Email: support@aairsk.com

(Note: The provided product data listed "foreversanmi@163.com" as "Place of Business" email, but "support@aairsk.com" is a more typical and professional support email for a brand named Aairsk. We recommend using the brand's official support channel.)

10. IMPORTANT NOTES

- Always follow the instructions in this manual to ensure safe operation.

- Do not modify the electric bike or its components, as this may void the warranty and compromise safety.
- Regularly check for loose parts and wear and tear.
- Dispose of batteries and electronic components responsibly according to local regulations.