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Airsk RS5-15AH

Electric Bike User Manual

MODEL: AIRSK RS5-15AH

For models: Rs5-15ah, Rs5-20ah, F6 Pro-15ah, F6-10ah

1. Product Overview

The Airsk RS5 Electric Bike is designed for efficient commuting and leisure travel, offering a blend of power, portability, and safety features. This manual provides essential information for assembly, operation, maintenance, and troubleshooting to ensure a safe and enjoyable riding experience.



Image: The Aairsk RS5 Electric Bike, showcasing its compact folded state, unfolded configuration, and included accessories such as keys and a phone holder.

2. Setup and Assembly

Before your first ride, ensure all components are correctly assembled and secured. The Aairsk RS5 comes largely pre-assembled, requiring minimal setup.

2.1 Unfolding the Bike

1. Place the folded bike on a flat, stable surface.
2. Release the frame latch located on the main frame. Carefully unfold the frame until it locks into place. Ensure the latch is securely fastened.
3. Adjust the handlebar stem. Release the stem latch, raise the handlebar to your desired height, and secure the latch.
4. Unfold the pedals.
5. Adjust the seat post height. Open the quick-release lever, adjust the seat to a comfortable riding position (ensure your feet can touch the ground), and close the lever firmly.

Intelligent Digital LCD

Delivering instant updates like initial velocity, battery status, and PAS strength, enhances your Riding adventure.

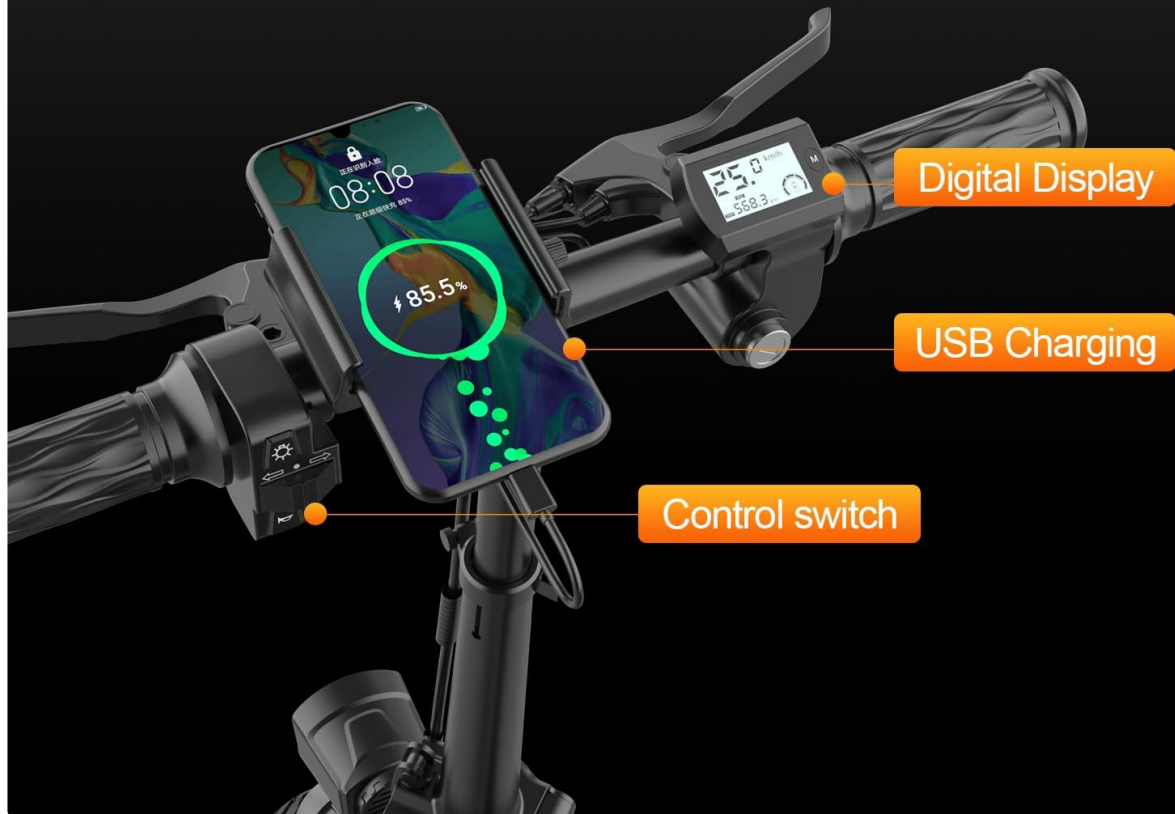


Image: Illustration of the folding mechanism, highlighting the compact design of the Aairsk RS5 electric bike.

2.2 Battery Installation and Charging

The Aairsk RS5 features a removable battery for convenient charging.

- To install the battery, align it with the battery compartment and slide it in until it clicks securely. Use the provided key to lock the battery in place.
- Before first use, fully charge the battery. Connect the charger to the charging port on the battery or directly on the bike, then plug it into a power outlet.
- The charging indicator light on the charger will change color (e.g., red to green) when charging is complete. Charging typically takes 5-6 hours.
- Always use the original charger provided with the bike.

POWERFUL BRUSHLESS MOTOR



Peak 748W
500W Hub Motor



20-22 MPH
Max Speed



25°
Up Hill



500 TIMES
Upgrade Motor



Image: Close-up view of the 48V 15AH removable battery, emphasizing its intelligent safety features and lock mechanism.

3. Operating Instructions

Familiarize yourself with the controls and riding modes before operating the bike.

3.1 Powering On/Off and LCD Display

- To power on the bike, press and hold the power button on the handlebar control panel. The LCD display will illuminate.
- The LCD display provides real-time information including speed, battery level, distance traveled, and current Pedal Assist System (PAS) mode.
- To power off, press and hold the power button again until the display turns off.



Image: The intelligent digital LCD display, showing current speed, battery status, and the integrated USB charging port for mobile devices.

3.2 Riding Modes

- **Pedal Mode:** The bike operates like a traditional bicycle. You provide all the propulsion by pedaling.
- **Pedal Assist System (PAS) Mode:** As you pedal, the motor provides assistance. There are 3 levels of pedal assist, adjustable via the control panel. Higher levels provide more motor assistance.
- **Pure Electric Mode:** Use the throttle to engage the motor without pedaling. This mode provides full electric power up to the maximum speed.

3.3 Braking System

The Aairsk RS5 is equipped with front and rear mechanical disc brakes for reliable stopping power. Always apply both brakes simultaneously for effective and safe braking.

3.4 Safety Lighting

The bike features integrated LED headlights and rear brake lights for enhanced visibility, especially during night riding. Ensure lights are functional before riding in low-light conditions.

All-in-One LED Safety Lighting

High-intensity LED headlights with reflectors ensure clear night vision, while integrated taillights combine brake lights and turn signals for 24-hour visibility.

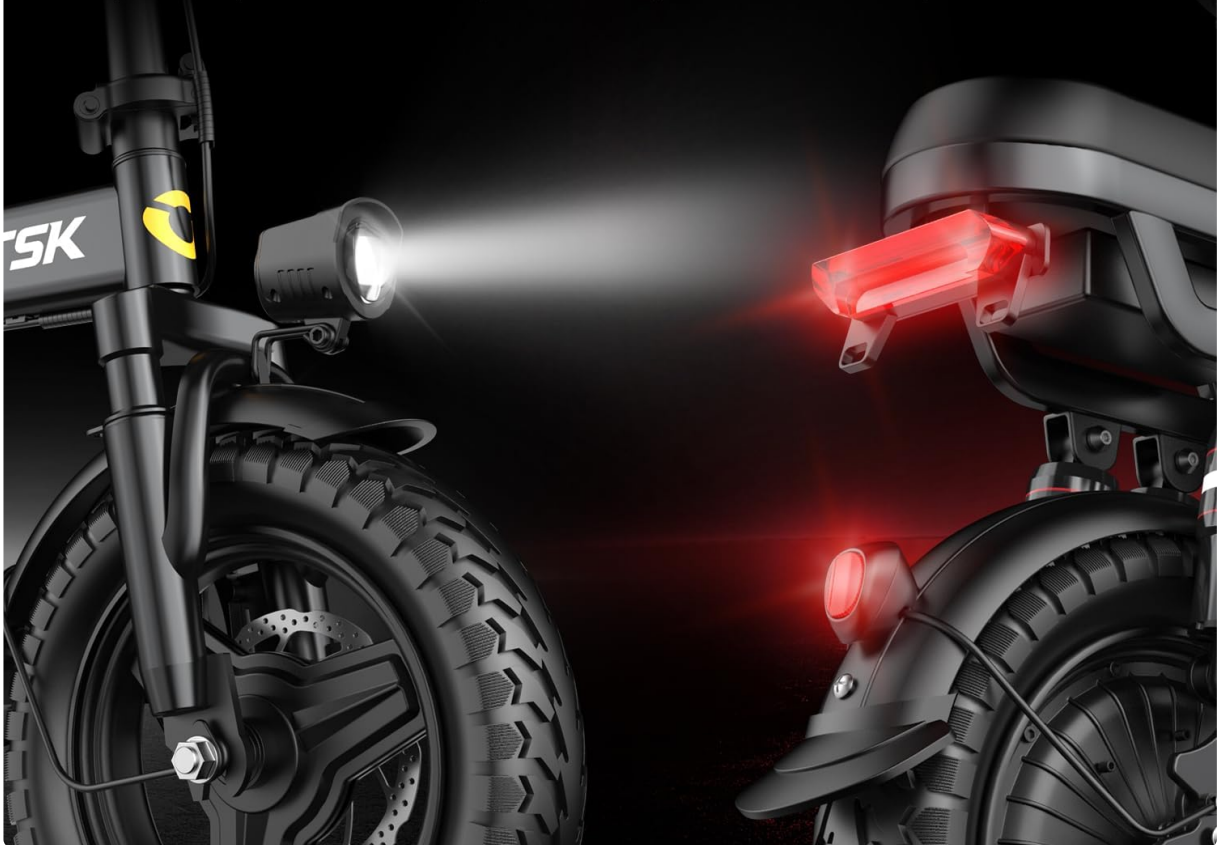


Image: The integrated LED safety lighting system, featuring a bright front headlight and a rear taillight that functions as a brake light, ensuring visibility.

4. Maintenance

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

4.1 Battery Care

- Charge the battery regularly, even if not in frequent use, to maintain its health. Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery to about 50-60% capacity.

4.2 Tire Inspection and Pressure

- Regularly check tire pressure. Refer to the tire sidewall for recommended PSI. Proper inflation improves efficiency and prevents punctures.
- Inspect tires for wear, cuts, or embedded objects. The 14-inch puncture-resistant tires offer enhanced durability.

14" Puncture Resistant Tires

Prevents thorns, glass and other small materials from piercing, giving you stability, shock absorption and a smoother riding experience.



Image: Detailed view of the 14-inch puncture-resistant tires, illustrating their multi-layered construction designed for durability and stability.

4.3 Brake System Check

- Test brakes before each ride to ensure they are responsive.
- Check brake pads for wear and replace if necessary.
- Ensure brake cables are not frayed and are properly tensioned.

4.4 General Cleaning

Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.

5. Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly installed.	Ensure battery is fully charged and securely locked in place. Check power button connection.
Motor not assisting/engaging.	PAS level too low, throttle issue, or brake lever engaged.	Increase PAS level. Check throttle connection. Ensure brake levers are fully released.
Battery not charging.	Charger not connected properly, power outlet issue, or faulty charger/battery.	Verify charger connection to bike/battery and wall outlet. Try a different outlet. Contact support if issue persists.
Unusual noises during riding.	Loose components, chain issues, or brake rub.	Inspect all bolts and quick releases. Check chain for lubrication and tension. Adjust brake calipers if rubbing.

6. Specifications

Feature	Detail
Bike Type	Folding Bike
Motor	500W (748W Peak) Brushless Hub Motor
Top Speed	Up to 25 MPH (40 km/h)
Battery	48V 15AH (A-Grades Cell), Removable
Max Range (PAS)	25-40 miles (40-64 km) per charge
Charging Time	5-6 hours
Wheel Size	14 Inches (Puncture Resistant Tires)
Frame Material	Alloy Steel
Suspension Type	Front (Multi-spring shock absorption system)
Brake Style	Disc (Front and Rear Mechanical Disc Brakes)
Number of Speeds	3 (PAS modes)
Recommended Age	14+ years
Included Components	Basket

48V 15AH Battery



Removable
Design With Lock



BMS
Intelligent Safety



Over Charge
Protection



20 Miles
Max Range
(Pedal Assist Mode)



Image: Diagram illustrating the powerful brushless motor, highlighting its 748W peak power and capability to reach speeds of 20-22 MPH.

12 Shock Absorption

ENCWE ebike for adults with Multiple Shock Absorptions design, provides a comfortable riding experience on all types of terrain.



x12



Image: Visual representation of the multi-spring shock absorption system, designed to provide a comfortable ride over various terrains.

7. Warranty and Support

The Aairsk RS5 Electric Bike comes with a manufacturer's warranty and dedicated technical support.

- **Warranty:** 1-year Manufacturer Warranty for ebike's parts.
- **Technical Service:** 5-year technical service is provided.
- For warranty claims or technical assistance, please contact the seller "Aairsk- ebike" directly through your purchase platform.