

## EV RIDER Transport AF+

# EV Rider Transport AF+ Automatic Folding Travel Mobility Scooter User Manual

Model: Transport AF+ | Brand: EV RIDER

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your EV Rider Transport AF+ Automatic Folding Travel Mobility Scooter. Please read this manual thoroughly before using your scooter to ensure proper understanding of its features and functions. Retain this manual for future reference.



Figure 1: The EV Rider Transport AF+ Automatic Folding Travel Mobility Scooter.

## 2. SAFETY GUIDELINES

---

Always prioritize safety when operating your mobility scooter. Adhere to all local traffic laws and regulations. Ensure you are familiar with the controls before operating the scooter in public areas.

- Do not operate the scooter under the influence of alcohol or medication.
- Always use caution when navigating inclines or uneven surfaces.
- Ensure the scooter is fully unfolded and locked before use.
- Keep hands and feet clear of moving parts during folding and unfolding.
- Regularly check tire pressure and battery charge.
- The maximum weight capacity for this scooter is 250 lbs.

## 3. KEY FEATURES

---

The EV Rider Transport AF+ is designed for convenience and mobility. Its key features include:

- **Automatic Folding:** Folds and unfolds automatically with a key fob.
- **Lightweight Design:** Weighs approximately 49 lbs, making it suitable for travel.
- **Airline and Cruise Approved:** Designed to meet travel regulations.
- **Lithium Battery:** Equipped with an 11.5Ah lithium battery for extended range.
- **Compact Storage:** Easily fits into most car trunks and small spaces.
- **Maneuverability:** Ultra-tight 31-inch turning radius for indoor use.
- **Adjustable Tiller:** Height-adjustable tiller for user comfort.
- **LED Lighting:** Features an LED headlight for improved visibility.
- **Dual-Hand Throttle:** Two-way throttle control for ease of use.

## 4. SETUP AND INITIAL USE

---

### 4.1 Unpacking

Carefully remove the scooter and all accessories from the packaging. Inspect for any damage. The package should include the scooter, battery, charger, and key fob.

### 4.2 Unfolding the Scooter

The Transport AF+ can be unfolded automatically using the key fob or manually. Ensure the area around the scooter is clear before unfolding.

1. Place the folded scooter on a flat, stable surface.
2. Press the "Unfold" button on the key fob. The scooter will automatically extend to its operational position.
3. Alternatively, if using manual unfolding, carefully extend the tiller and seat assembly until it locks into place.
4. Ensure all locking mechanisms are engaged before use.

Your browser does not support the video tag.

Video 1: Demonstrates the automatic folding and unfolding of the EV Rider Transport AF+ scooter.



Figure 2: The key fob used for automatic folding and unfolding.

### 4.3 Adjusting the Tiller and Seat

1. Adjust the tiller height to a comfortable position using the adjustment knob.
2. Ensure the seat is securely attached and comfortable for your use.



Figure 3: Close-up of the tiller controls, including the key ignition, speed dial, and battery indicator.



Figure 4: The comfortable and ergonomic seat of the scooter.

## 5. OPERATING INSTRUCTIONS

---

### 5.1 Starting the Scooter

1. Insert the key into the ignition and turn it to the "ON" position.
2. Check the battery indicator on the tiller to ensure sufficient charge.
3. Adjust the speed control dial to your desired speed setting.

### 5.2 Driving

1. Use the dual-hand two-way throttle control to move forward or backward. Push the right lever for forward motion, and the left lever for reverse.
2. Steer by gently turning the tiller in the desired direction.
3. The scooter features an electromagnetic brake system that engages automatically when the throttle is released.
4. The LED headlight can be turned on for visibility in low-light conditions.



Figure 5: Front view of the scooter, highlighting the LED headlights.



Figure 6: Rear view of the scooter, showing the taillights.

### 5.3 Folding for Transport or Storage

To fold the scooter for transport or storage:

1. Ensure the scooter is turned off.
2. Press the "Fold" button on the key fob. The scooter will automatically fold into a compact size.
3. Alternatively, manually fold the scooter by following the reverse steps of unfolding.
4. Once folded, the scooter can be easily rolled or lifted into a vehicle or storage space.



Figure 7: The scooter in its folded state, ready for transport.

## 6. CHARGING INSTRUCTIONS

The EV Rider Transport AF+ uses a 24V 11.5Ah Lithium Battery. Proper charging ensures optimal battery life and performance.

1. Locate the charging port on the scooter.
2. Connect the charger cable to the charging port.
3. Plug the charger into a standard electrical outlet (110/240 Vac).
4. The charger's indicator light will show the charging status (e.g., red for charging, green for fully charged).
5. Do not overcharge the battery. Disconnect the charger once the battery is full.
6. It is recommended to charge the battery after each use to maintain its health.



Figure 8: Close-up of the charging port on the side of the scooter.



Figure 9: The 2 Amp 24 VDC off-board Li-Ion battery charger.

## 7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using abrasive cleaners or direct water spray.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge the battery at least once a month.
- **Tires:** The scooter is equipped with solid, flat-free tires, requiring no air pressure checks. Periodically

inspect for wear and tear.

- **Fasteners:** Periodically check all nuts, bolts, and fasteners to ensure they are tight.
- **Professional Service:** For any complex repairs or issues, contact authorized service personnel.

## 8. TROUBLESHOOTING

If you encounter issues with your scooter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Scooter does not turn on.	Battery is low or disconnected; Key not fully inserted.	Charge the battery; Ensure battery is connected; Insert key fully and turn to ON.
Scooter does not move.	Throttle not engaged; Freewheel lever engaged; Speed dial set too low.	Engage throttle; Disengage freewheel lever; Increase speed setting.
Automatic folding/unfolding not working.	Key fob battery low; Obstruction; Scooter power off.	Replace key fob battery; Clear obstructions; Ensure scooter has power.
Reduced range or power.	Battery not fully charged; Battery degradation.	Ensure full charge; Consider battery replacement if old.

## 9. SPECIFICATIONS

Feature	Detail
Weight Capacity	250 lbs
Max Speed	Up to 4 mph (3.8 mph listed in specs)
Battery	24V 11.5Ah Lithium Battery
Maximum Travel Range	Up to 10 miles
Charger Type	2 Amp 24 VDC, input: 110/240 Vac, Off Board Li-Ion Charger
Motor Type	180 watt 24 volt
Turning Radius	31 inches
Drive Wheel	8" x 2", Solid Tire, Flat Free
Front Wheel	7" x 1.6", Solid Tire, Flat Free
Ground Clearance	1.4 inches
Overall Dimensions (L x W x H)	33.8" x 16.5" x 32.8"
Folded Dimensions (L x W x H)	28.7" x 17.3" x 16.5"
Item Weight	49 lbs (48 lbs listed in specs)
Brake Style	Electromagnetic
Frame Material	Aluminum, Alloy Steel

## **10. WARRANTY INFORMATION**

---

Specific warranty details for the EV Rider Transport AF+ Mobility Scooter are typically provided at the point of purchase or within separate documentation included with your product. Please refer to your purchase receipt or contact EV Rider customer service for comprehensive warranty terms and conditions.

## **11. CUSTOMER SUPPORT**

---

For technical assistance, spare parts, or any inquiries regarding your EV Rider Transport AF+ Mobility Scooter, please contact EV Rider customer support. Contact information can usually be found on the manufacturer's website or in your product packaging.