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EVERCROSS A1

EVERCROSS A1 Electric Scooter User Manual

Model: A1

1. INTRODUCTION

Welcome to the EVERCROSS A1 Electric Scooter User Manual. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. SAFETY GUIDELINES

Your safety is paramount. Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding. Adhere to local traffic laws and regulations.

General Safety Precautions:

- Ensure all bolts and fasteners are tightened before each ride.
- Do not ride in heavy rain, snow, or on icy surfaces.
- Avoid riding on uneven terrain or over large obstacles.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not allow children under the recommended age to operate the scooter.
- Do not exceed the maximum weight limit of 265 pounds (120 kg).
- The battery is UL 2272 certified for safety.

3. PACKAGE CONTENTS

Upon opening your EVERCROSS A1 Electric Scooter package, please verify that all components are present and in good condition:

- EVERCROSS A1 Electric Scooter
- Charging Adapter
- User Manual (this document)

- Assembly Tools

4. PRODUCT OVERVIEW

The EVERCROSS A1 Electric Scooter is designed for efficient and comfortable commuting. Key features include an 800W motor, 48V 14Ah battery, dual suspension, and 10-inch honeycomb solid tires.

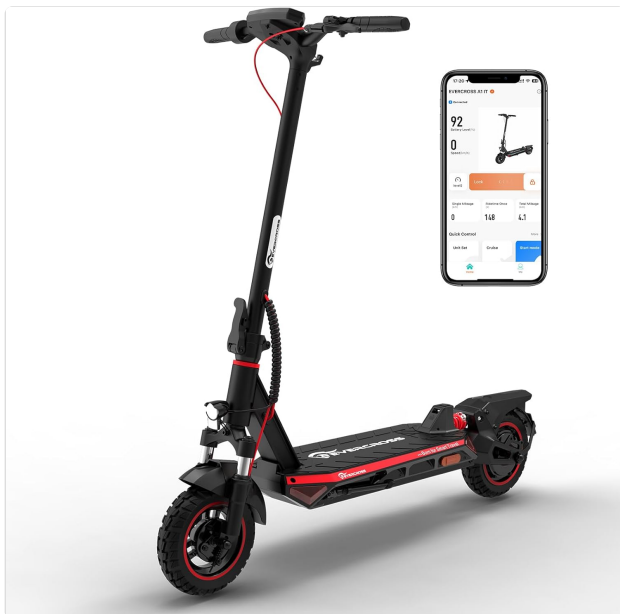


Figure 4.1: EVERCROSS A1 Electric Scooter with accompanying mobile app interface.



Figure 4.2: Key features of the EVERCROSS A1, including 800W motor, 48V 14Ah battery, 7-8 hours charging, 265LBS max load, and 31 miles max range.



Figure 4.3: Detailed view of the 800W brushless motor, capable of 28 MPH and 20° uphill climb.



Figure 4.4: The durable 10-inch honeycomb solid tire, designed for wear resistance and long service life.

5. SETUP AND INITIAL PREPARATION

5.1 Unboxing and Assembly:

The EVERCROSS A1 comes largely pre-assembled. Follow these steps for final setup:

1. Carefully remove the scooter and all accessories from the packaging.
2. Unfold the scooter by releasing the folding mechanism. Ensure the stem locks securely into place.
3. Attach the handlebars to the stem, ensuring all cables are properly connected and not pinched. Tighten any screws using the provided tools.
4. Inspect the tires, brakes, and all moving parts for any signs of damage or loose connections.

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Video 5.1: Official EVERCROSS A1 Electric Scooter overview, demonstrating features and basic handling.

5.2 Initial Charging:

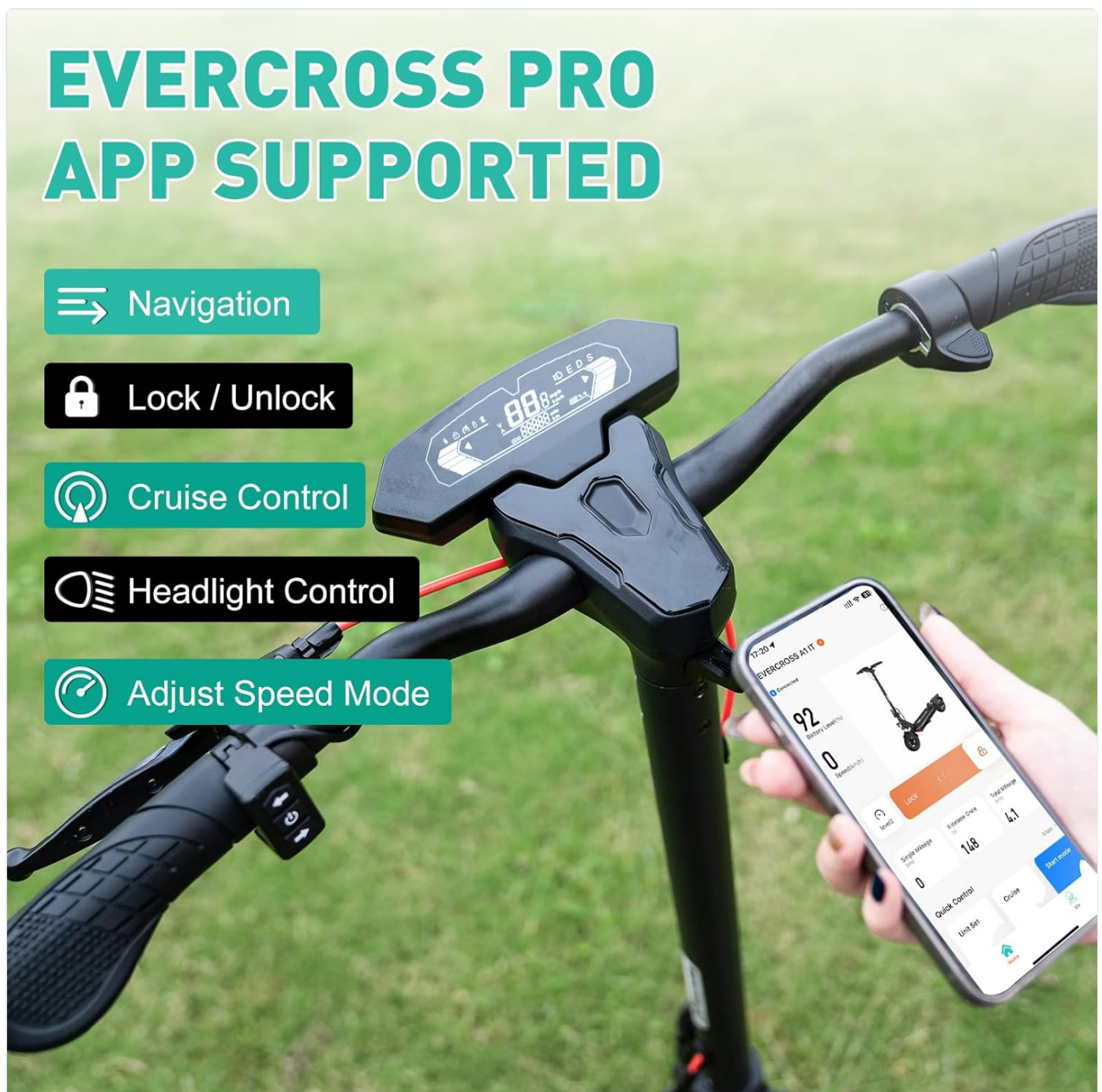
Before your first ride, fully charge the scooter's battery. The charging time is approximately 7 hours.

1. Locate the charging port on the scooter.
2. Connect the charging adapter to the scooter's charging port.
3. Plug the adapter into a standard electrical outlet.
4. The indicator light on the charger will change (e.g., from red to green) when charging is complete.
5. Disconnect the charger once the battery is fully charged.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Display:

Press and hold the power button for a few seconds to turn the scooter ON or OFF. The intuitive LED display screen provides real-time information.



**EVERCROSS PRO
APP SUPPORTED**

- Navigation
- Lock / Unlock
- Cruise Control
- Headlight Control
- Adjust Speed Mode

The image shows a hand holding a smartphone displaying the Evercross Pro app interface. The app screen displays the scooter's battery level at 92%, speed at 0 km/h, and other controls like Lock, Cruise Control, and Headlight Control. The background shows the scooter's handlebars and a digital display showing 88 km/h.

Figure 6.1: The LED Smart Display showing various metrics like speed, mileage, battery status, and headlight control.

6.2 Riding the Scooter:

1. Place one foot firmly on the deck and push off with the other foot to gain initial momentum.
2. Once moving, gently press the accelerator paddle to engage the motor.
3. To slow down or stop, use the front drum brake and rear electric brake.
4. The scooter features three speed gears (9.3 MPH, 18.6 MPH, 28 MPH) which can be adjusted via the controls.



Figure 6.2: The EVERCROSS A1 offers three distinct speed gears for varied riding experiences.

6.3 Mobile App Connectivity:

Connect your EVERCROSS A1 to the dedicated mobile app via Bluetooth for enhanced control and monitoring. The app allows for navigation, locking/unlocking, cruise control, headlight control, and speed mode adjustment.

48V 14AH Lithium Ion Battery



Figure 6.3: The EVERCROSS A1 is supported by a mobile app for smart control and monitoring.

7. MAINTENANCE

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

7.1 Cleaning:

- Wipe the scooter with a damp cloth. Do not use high-pressure water jets or corrosive cleaners.
- Ensure the charging port is dry and clean before charging.

7.2 Tire Care:

- The A1 features 10-inch honeycomb solid tires, which do not require inflation. Regularly inspect them for wear or damage.

7.3 Battery Care:

- Charge the battery regularly, even if the scooter is not in use, to prolong its lifespan.
- Avoid completely draining the battery before recharging.

- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your EVERCROSS A1 scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; Power button not pressed correctly.	Charge the battery fully; Press and hold the power button for 3 seconds.
Reduced range or speed.	Low battery; Heavy load; Uphill riding; Extreme temperatures.	Ensure battery is fully charged; Reduce load; Ride on flat terrain when possible.
Brakes not responding effectively.	Brake cable loose; Worn brake pads.	Check and adjust brake cables; Contact customer support for brake pad replacement.
Bluetooth connectivity issues.	Bluetooth off on phone/scooter; App not updated.	Ensure Bluetooth is enabled on both devices; Restart app and scooter; Update app to latest version.

9. SPECIFICATIONS

Feature	Detail
Brand	EVERCROSS
Model Name	A1
Motor Power	800W
Battery	48V 14Ah (672WH) Lithium-ion
Max Speed	Up to 28 MPH
Max Range	Up to 31 Miles
Charging Time	Approx. 7 Hours
Weight Limit	265 LBS (120 KG)
Tire Type	10-inch Honeycomb Solid Tires
Suspension	Dual Suspension (Faux hydraulic spring & rear spring)
Brake System	Front Drum Brake & Rear Electric Brake
Frame Material	Aluminum Alloy
Product Dimensions (Unfolded)	50.78"L x 25.59"W x 50"H
Item Weight	59.2 Pounds

10. WARRANTY AND SUPPORT

The EVERCROSS A1 electric scooter comes with a limited warranty. For any problems or inquiries, please do not hesitate to contact EVERCROSS customer service. We are committed to providing satisfactory after-sales service. Your safety is our priority, and the lithium-ion battery is recognized by SGS with UL 2272 certification. For support, please refer to the contact information provided in your purchase documentation or visit the official EVERCROSS website.