ECOROAD EC10

ECOROAD EC10 Electric Scooter User Manual

Model: EC10

Introduction What's in the Box Setup Operation Maintenance Troubleshooting Specifications Safety Guidelines Warranty & Support

1. Introduction

Welcome to the ECOROAD EC10 Electric Scooter user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

Figure 1: ECOROAD EC10 Electric Scooter. This image shows the overall design of the scooter, highlighting its sleek black finish and robust build.

Video 1: ECOROAD EC10 Electric Scooter Overview. This video provides a general overview of the ECOROAD EC10 Electric Scooter in various urban settings, showcasing its design and functionality.

2. What's in the Box

Upon unboxing, please ensure all the following components are present:

- Electric Scooter EC10
- Instruction Manual
- Inner tube (1)
- T-Hex Wrench
- Charger (1)

3. Setup

3.1. Initial Assembly

Your ECOROAD EC10 Electric Scooter comes partially assembled. Follow the instructions in the included printed manual for handlebar attachment and other minor assembly steps. Ensure all screws are tightened securely before use.

3.2. Charging the Battery

Before first use, fully charge the scooter's battery. The charging time is approximately 7 hours. Use only the provided charger. The battery has a capacity of 36V 13.5Ah, providing a range of 25-32 miles.

Video 2: Battery Access and Replacement. This video demonstrates how to access and replace the battery of the ECOROAD EC10 Electric Scooter. This process is useful for understanding battery compartment access.

4. Operating Instructions

4.1. Starting the Scooter

To activate the motor, you must first kick-start the scooter to a speed over 3 MPH, then press the throttle to accelerate. This safety feature prevents accidental acceleration from a standstill.

4.2. Speed Modes

The EC10 offers multiple speed modes. Quickly press the power button TWICE to cycle through the available gears: ECO, D (Drive), S (Sport), and Push Assist mode. Each mode offers different speed and power characteristics.

4.3. Controls and Digital Display

The handlebar features a digital display that shows your current speed, total mileage, and battery level. The ECOROAD App can be connected via Bluetooth for smart locking and additional control features.

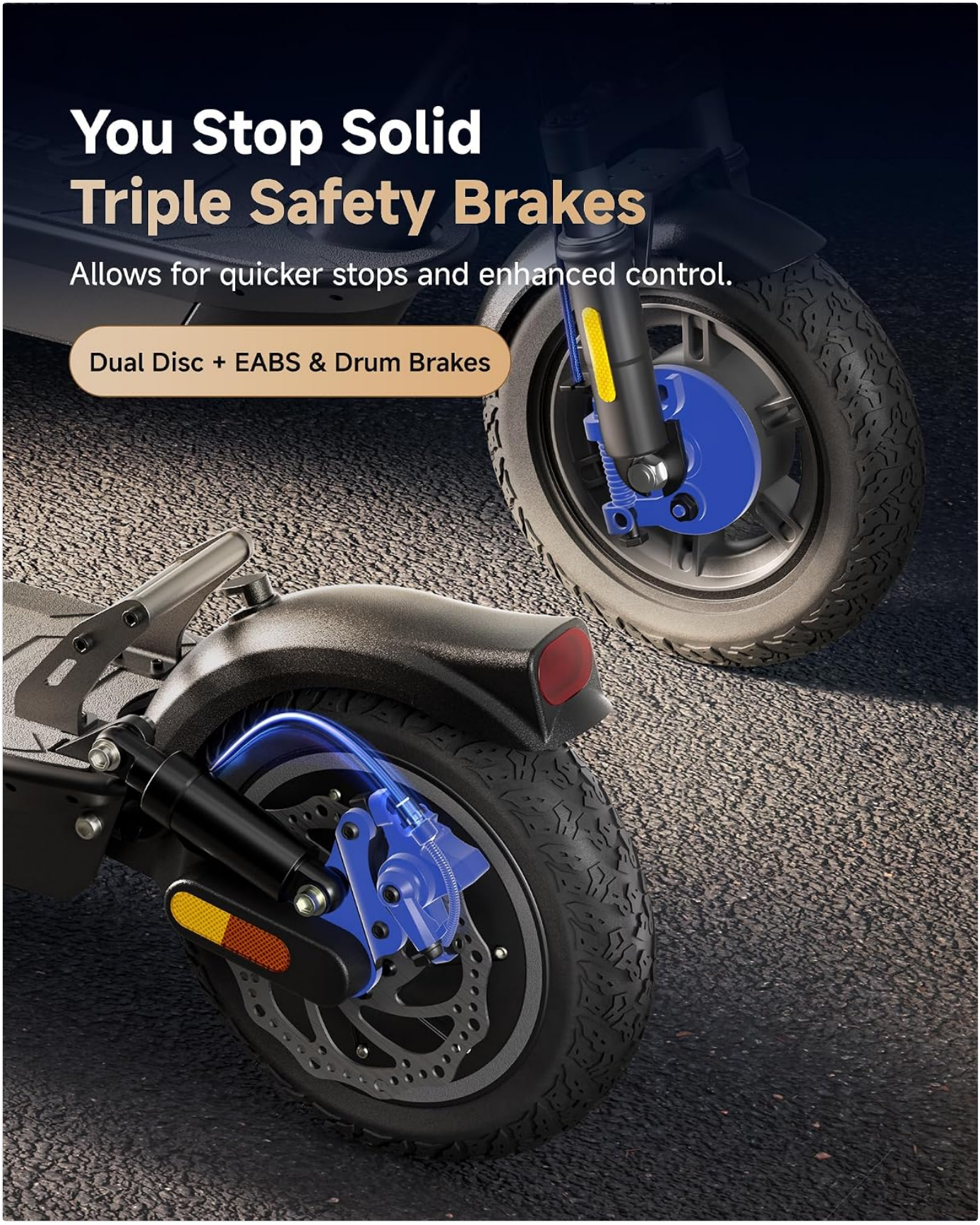

Figure 2: Digital Display. This image shows the scooter's digital display, indicating speed, battery level, and other operational information.

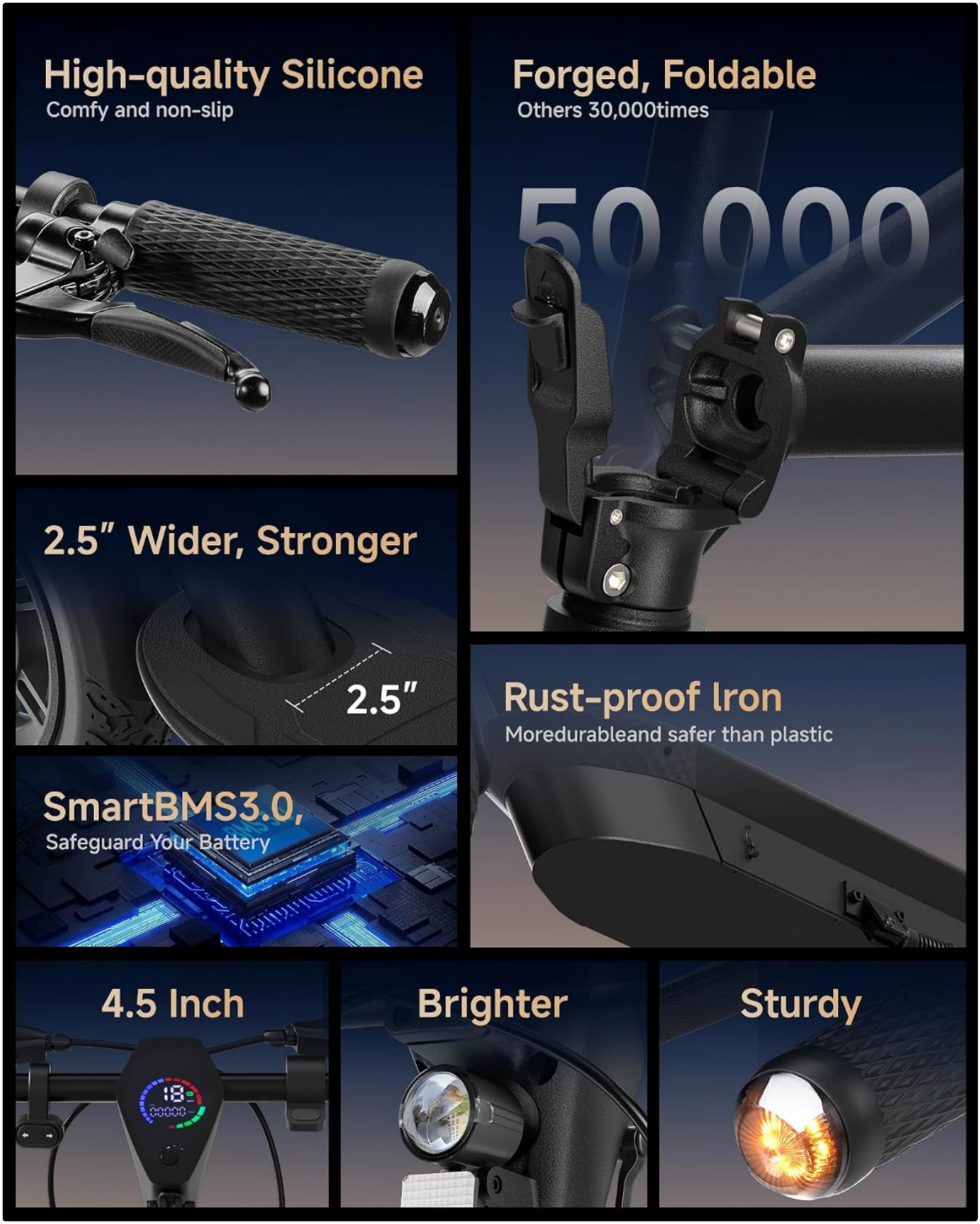

Figure 3: Smartphone with ECOROAD App. This image illustrates the ECOROAD mobile application interface, used for smart control and monitoring of the scooter.

4.4. Lighting and Signals

Press the power button ONCE to turn the headlight on or off. The scooter is equipped with integrated turn signals (left and right) for enhanced visibility and safety, especially during night rides or when changing direction.

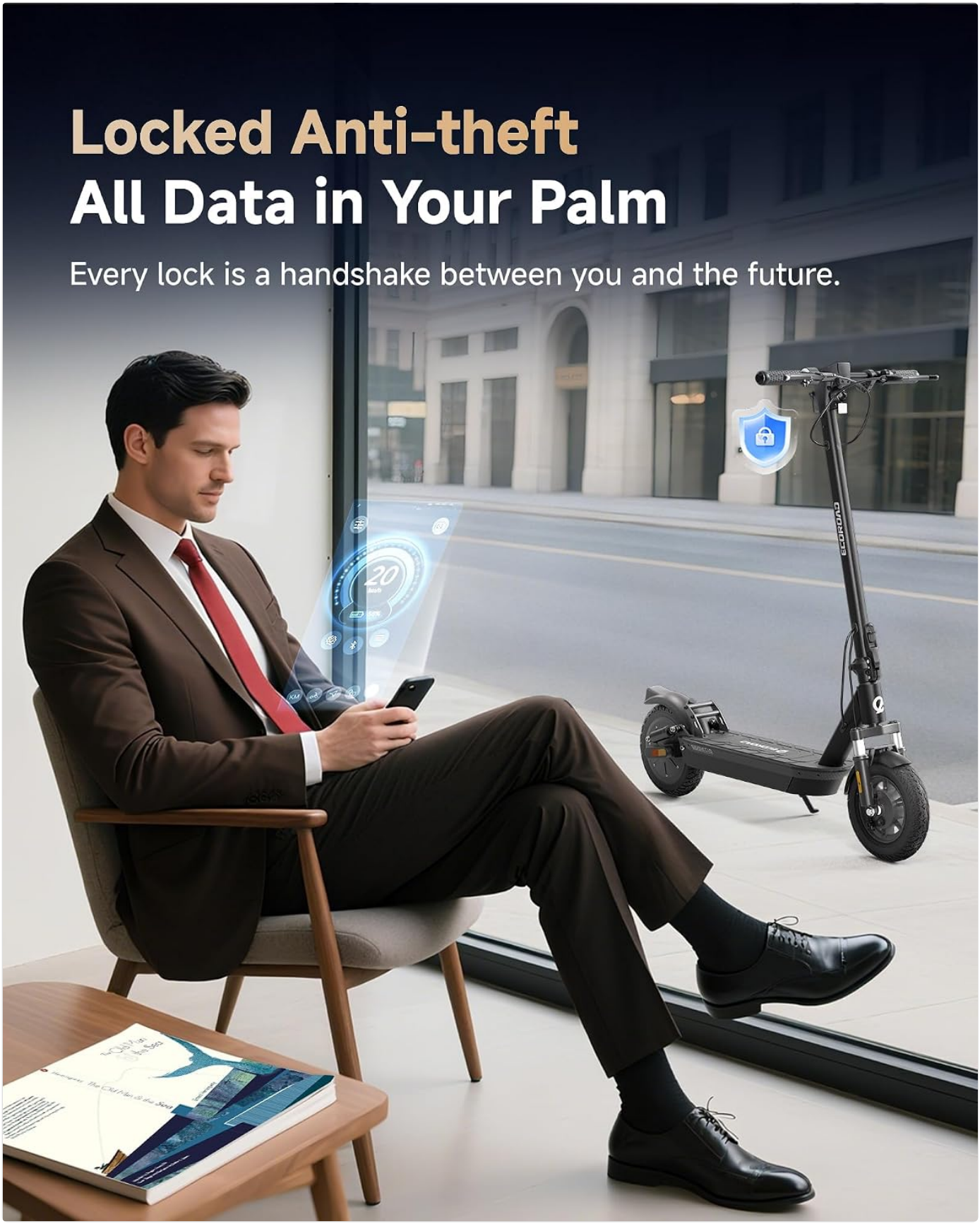

Figure 4: ECOROAD EC10 Electric Scooter with Turn Signals. This image highlights the scooter's integrated turn signals, providing 360-degree visibility.

4.5. Braking System

The EC10 features a triple braking system for reliable stopping power: a front drum brake, a rear disc brake, and an E-brake. Always use brakes smoothly and anticipate stops.

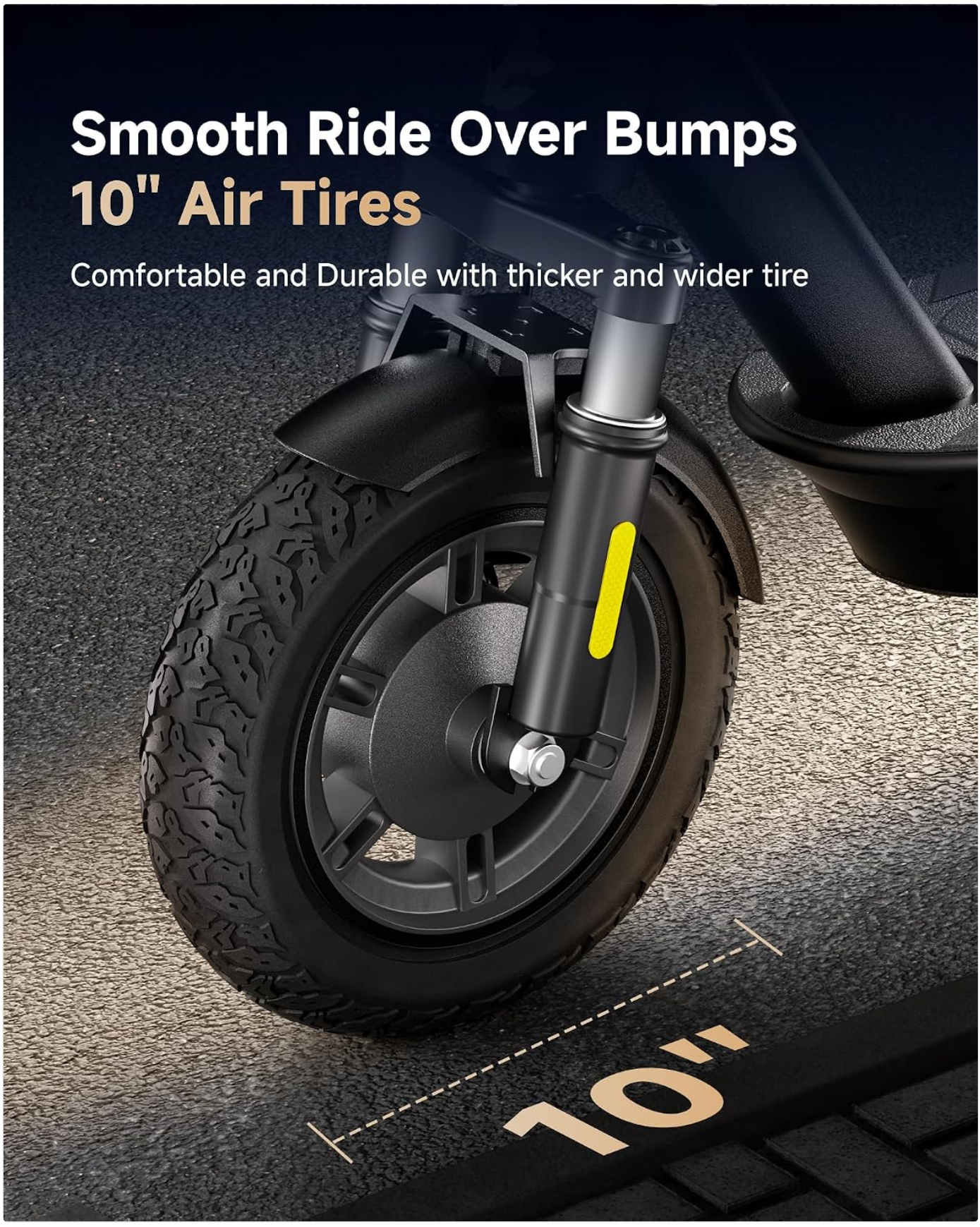

Figure 5: Triple Safety Brakes. A close-up view of the scooter's front drum brake and rear disc brake, part of its triple braking system.

4.6. Cruise Control

To activate or deactivate cruise control, quickly press the power button FOUR TIMES. This feature helps maintain a consistent speed during longer rides.

5. Maintenance

5.1. General Care

Regularly inspect your scooter for any loose parts, damage, or wear. Keep the scooter clean and dry. Check tire pressure periodically to ensure optimal ride quality and safety. The 10-inch pneumatic tires and dual shock absorbers are designed for a comfortable ride.

Figure 6: 10-inch Pneumatic Tires. A detailed view of the scooter's durable 10-inch pneumatic tires, designed for smooth rides.

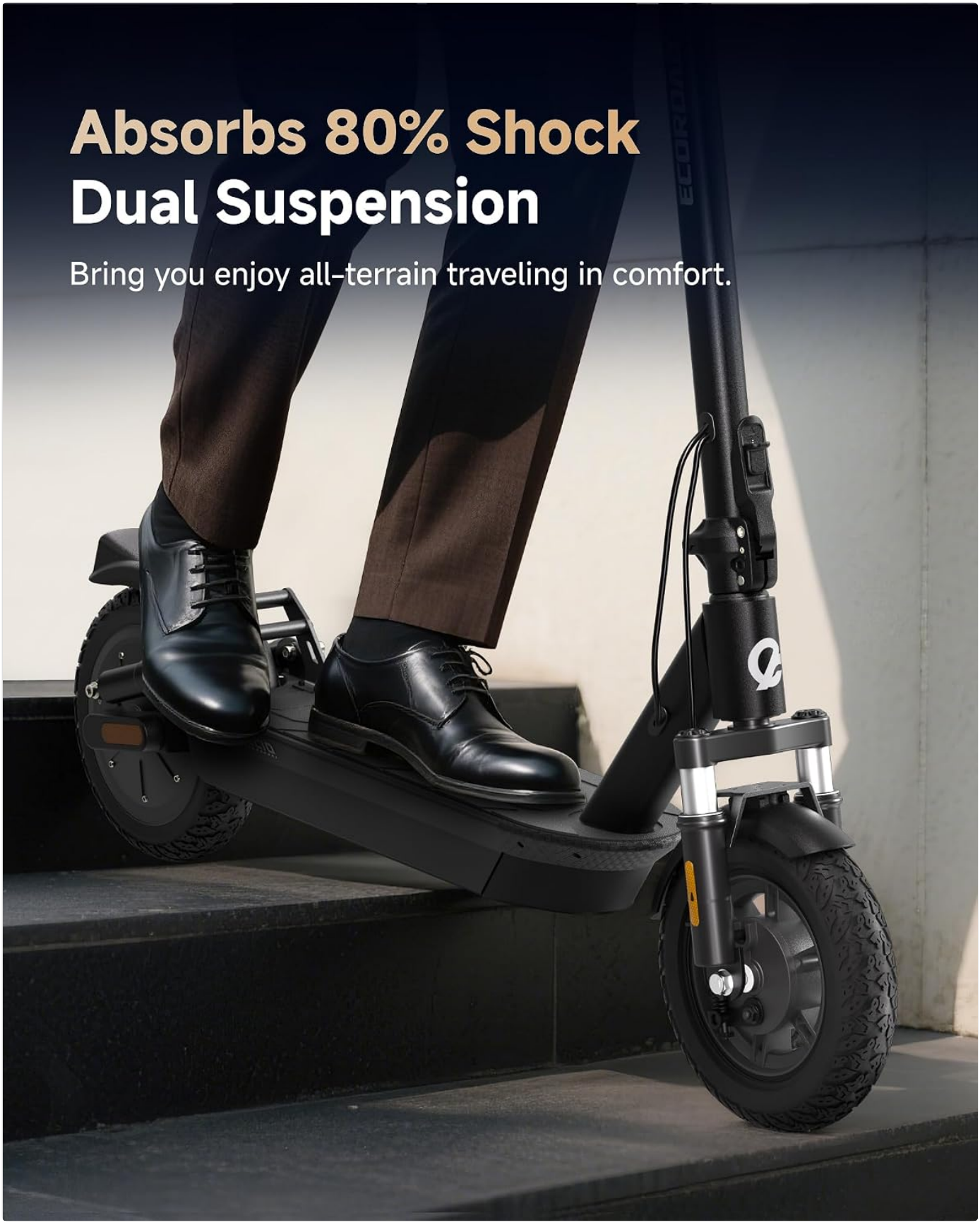

Figure 7: Dual Suspension System. This image shows the scooter's dual suspension, which helps absorb shocks for a more comfortable ride.

5.2. Battery Replacement

If battery replacement becomes necessary, refer to the following video for detailed instructions. Always use genuine ECOROAD replacement parts.

Video 3: Battery Replacement. This video demonstrates the step-by-step process of replacing the battery in the ECOROAD EC10 Electric Scooter.

5.3. Meter Replacement

Should the digital meter require replacement, consult the instructional video below for guidance. Ensure proper connection of all wires.

Video 4: Meter Replacement. This video illustrates how to replace the meter on the ECOROAD EC10 Electric Scooter, detailing the wiring connections.

5.4. Controller Replacement

For controller replacement, please follow the instructions provided in the video below. This is an advanced procedure and should be performed with care.

Video 5: Controller Replacement. This video guides users through the process of replacing the controller unit of the ECOROAD EC10 Electric Scooter.

6. Troubleshooting

If you encounter any issues with your ECOROAD EC10 Electric Scooter, please refer to the following common troubleshooting tips:

- **E10 Error Code:** If an E10 error code appears on the display, it indicates a specific system malfunction. Consult the ECOROAD App or contact customer support for diagnostic assistance.
- **Reduced Range/Speed:** Ensure the battery is fully charged. Factors like rider weight, terrain, wind, and temperature can affect range and speed.
- **Braking Issues:** Check brake cables and pads for wear. Ensure proper adjustment for effective stopping power.
- **Unresponsive Controls:** Verify all electrical connections are secure. If using the app, ensure Bluetooth connectivity is stable.

For persistent issues, please contact ECOROAD customer support.

7. Specifications

Feature	Detail
Brand	ECOROAD
Model Name	EC10
Motor Power	500W (750W Peak)
Maximum Speed	25 MPH
Maximum Distance Range	32 Miles
Wheel Size	10 Inches
Wheel Type	Pneumatic
Suspension Type	Spring Suspension (Dual)
Brake Style	Rear Braking (Triple: Front Drum, Rear Disc, E-brake)
Weight Limit	264 Pounds

Feature	Detail
Item Weight	48.2 Pounds
Product Dimensions (LxWxH)	46.5"L x 8.3"W x 23.2"H
Charging Time	7 Hours
Age Range (Description)	13+
Frame Material	Aluminum

8. Safety Guidelines

Your safety is paramount. Please adhere to the following guidelines:

- Always wear a helmet and appropriate safety gear when riding.
- Ensure you are within the recommended age range (13+) and weight limit (264 lbs).
- Familiarize yourself with local traffic laws and regulations regarding electric scooters.
- Perform a pre-ride check before each use, including brakes, tires, and battery level.
- Avoid riding in wet conditions, on slippery surfaces, or in heavy traffic.
- Maintain a safe distance from other vehicles and pedestrians.

Figure 8: Safe Riding Practice. A rider wearing a helmet on the ECOROAD EC10 Electric Scooter, emphasizing the importance of safety gear.

9. Warranty & Support

The ECOROAD EC10 Electric Scooter comes with a 180-day limited manufacturer warranty covering various parts. For warranty claims, technical support, or any inquiries, please contact ECOROAD customer support.
You can also visit the official ECOROAD store for more information:**ECOROAD Store**

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question