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› EFGBIKE ES09 Off-Road Electric Scooter User Manual

EFGBIKE ES09

EFGBIKE ES09 Off-Road Electric Scooter User Manual

Model: ES09 | Brand: EFGBIKE

1. INTRODUCTION

Thank you for choosing the EFGBIKE ES09 Off-Road Electric Scooter. This powerful electric scooter is designed for adults, featuring a 5600W dual motor, 60V 30Ah battery, and 11-inch vacuum tires, offering speeds up to 50 MPH and a range of up to 55 miles. It is built for both urban commuting and off-road adventures. This manual provides essential information for safe operation, assembly, maintenance, and troubleshooting to ensure optimal performance and longevity of your scooter.

2. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety warnings and instructions before operating the scooter. Failure to follow these guidelines may result in serious injury or damage to the scooter.

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads, gloves) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy rain, snow, or icy conditions.
- Ensure all bolts and fasteners are tightened before each ride.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Do not perform stunts or aggressive maneuvers.
- Keep hands and feet on the handlebars and deck while riding.

3. WHAT'S IN THE BOX

Upon opening your EFGBIKE ES09 package, please verify that all components are present and in good condition:



Figure 3.1: EFGBIKE ES09 Electric Scooter and included accessories.

- EFGBIKE ES09 Electric Scooter (main unit)
- Detachable Seat
- Battery Charger(s)
- Tool Kit (for assembly and maintenance)
- User Manual (this document)

4. SETUP AND ASSEMBLY

Your EFGBIKE ES09 scooter comes partially assembled. Follow these steps to complete the setup:

4.1 Unboxing and Initial Inspection

Carefully remove the scooter and all components from the packaging. Inspect for any visible damage during transit. Remove all protective wrapping.

Your browser does not support the video tag.

Video 4.1: EFGBIKE Off-Road Electric Scooter Unboxing and Installation Guide.

4.2 Unfolding the Scooter

- Place the folded scooter on a flat, stable surface.
- Locate the folding mechanism latch, typically near the base of the steering column.
- Release the latch and carefully lift the steering column until it locks into the upright position. Ensure it clicks securely.

4.3 Attaching the Handlebars

- Align the handlebars with the top of the steering column.
- Secure the handlebars using the provided bolts and the multi-tool. Tighten evenly to ensure stability.
- Connect any visible cables from the handlebars to the main body, ensuring they are properly seated and secured.

4.4 Attaching the Detachable Seat (Optional)

- Insert the seat post into the designated slot on the scooter's deck.
- Adjust the seat height to your preference and tighten the quick-release clamp or bolts to secure it.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- Insert the key into the ignition and turn it to the ON position. The LCD display will illuminate.
- To power off, turn the key to the OFF position.

5.2 Understanding the LCD Display and Controls



Figure 5.1: LCD Display and Controls.

The LCD display provides real-time information:

- **Speed:** Current riding speed (MPH).
- **Battery Level:** Indicates remaining battery charge.
- **Mileage (ODO/TRIP):** Total distance traveled or trip distance.
- **Speed Modes:** Typically 3 modes (1, 2, 3) for different speed limits. Use the mode button to switch.

5.3 Riding the Scooter

- Place one foot on the deck and push off with the other foot to gain initial momentum.

- Gently press the throttle lever to accelerate.
- To slow down or stop, release the throttle and apply the hydraulic disc brakes.

5.4 Lighting System

The ES09 features a 360° lighting system for enhanced visibility:

- **Dual Headlights:** Turn on for front illumination.
- **Colorful LED Ambient Lights:** Located along the deck for side visibility and aesthetics.
- **Brake Lights:** Activate automatically when brakes are applied.



Figure 5.2: Front Headlight, Side Ambient Lights, and Rear Brake Light.

5.5 Folding for Storage/Transport

The scooter features a quick-fold mechanism for easy storage:

- Ensure the scooter is powered off.
- Locate the folding release lever/button (refer to the assembly video for exact location).
- Press the release and carefully fold the steering column downwards until it locks into the folded position.

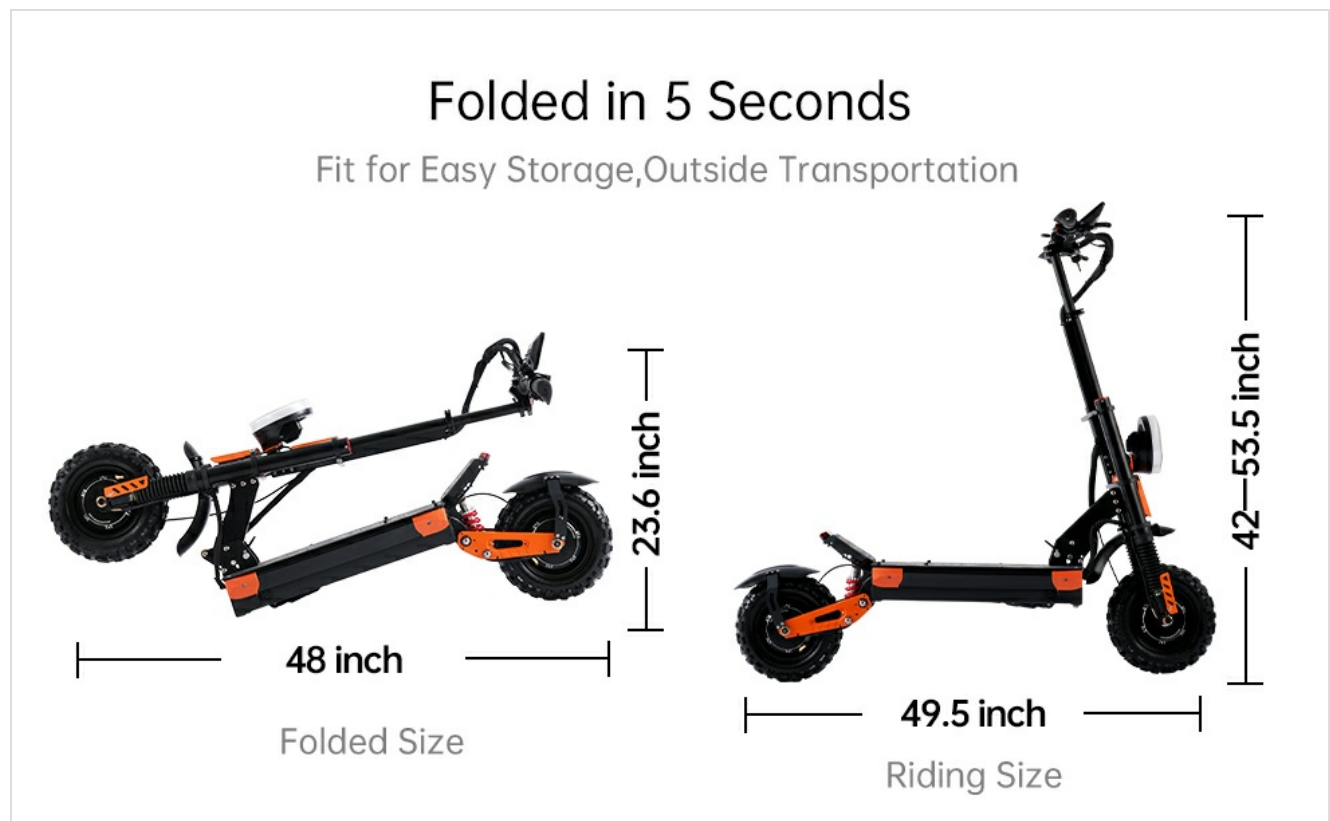


Figure 5.3: Folded and Riding Dimensions.

5.6 Performance Overview

The EFGBIKE ES09 is built for robust performance across various terrains.

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Video 5.4: EFGBIKE 50Mph OffRoad 5600W Electric Scooter in action.

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Video 5.5: Newest 5600W Electric Scooter 50mph EFGBIKE Riding Test.

6. MAINTENANCE

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

6.1 Battery Charging

The scooter is equipped with a 60V 30Ah lithium-ion battery. Use only the provided charger.

- Connect the charger to the scooter's charging port.
- Plug the charger into a standard wall outlet.
- The charger indicator light will show charging status (usually red for charging, green for fully charged).
- Do not overcharge the battery. Disconnect once fully charged.
- Store the scooter in a cool, dry place when not in use, and charge the battery periodically if stored for long periods.



Figure 6.1: Powerful Lithium Cell (60V 30Ah).

6.2 Tire Care

The 11-inch vacuum tires require minimal maintenance but should be inspected regularly.

- Check tire pressure periodically. Refer to the tire sidewall for recommended PSI.
- Inspect tires for wear, punctures, or damage before each ride.



Figure 6.2: Durable 11-inch Off-Road Vacuum Tire.

6.3 Brake System

The hydraulic disc brakes are crucial for safety.

- Regularly check brake lever tension and ensure smooth operation.
- Inspect brake pads for wear and replace them if necessary.
- If braking performance degrades, have the system inspected by a qualified technician.

Electirc Scooter Weight is 86 Lbs Heavy Duty Made with High Perfomance

Front and Rear Hydraulic 16cm Disc Brakes
Incorporated Efficient Electronic Braking System



Figure 6.3: Front and Rear Hydraulic Disc Brakes.

6.4 General Cleaning and Storage

- Wipe down the scooter with a damp cloth after each ride. Avoid using high-pressure water.
- Store the scooter indoors in a dry environment to prevent rust and damage to electronic components.

7. TROUBLESHOOTING

If you encounter issues with your EFGBIKE ES09, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Key not fully inserted/turned; Loose connections	Charge battery; Ensure key is fully turned; Check all visible cable connections.
Loss of power/speed	Low battery; Overload; Motor issue	Recharge battery; Reduce load; Contact support if persistent.
Brakes feel loose/ineffective	Worn brake pads; Low hydraulic fluid; Cable tension	Inspect/replace brake pads; Consult a technician for hydraulic system.

Problem	Possible Cause	Solution
Unusual noises	Loose components; Bearing wear; Brake rub	Check all fasteners; Inspect wheels/brakes; Contact support.

If the problem persists after attempting these solutions, please contact EFGBIKE customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	EFGBIKE
Model Name	ES09
Motor Power	5600W (Dual 2800W brushless hub motors)
Battery	60V 30Ah Lithium-ion
Max Speed	Up to 50 MPH (±3 MPH)
Max Range	Up to 55 miles per charge
Tires	11-inch Off-Road Vacuum Tires
Brakes	Front and Rear Hydraulic Disc Brakes with EBS
Weight Limit	330 Pounds
Frame Material	Aluminum, Carbon Steel
Item Dimensions (LxWxH)	49.5 x 10 x 53.5 inches
Special Feature	Dual Charging Port
Included Components	E-scooter, Detachable Seat, Charger, Tool Kit

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The EFGBIKE ES09 Electric Scooter comes with a **180-day warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact the EFGBIKE USA after-service team. Our dedicated support staff is ready to assist you.

- Refer to your purchase documentation for specific contact details.
- Visit the official EFGBIKE website for the latest support information and FAQs.

