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> Gyrocopters Flash 6.0 / FlashX 2025 Electric Scooter User Manual

GYROCOPTERS Flash X

Gyrocopters Flash 6.0 / FlashX 2025 Electric Scooter User Manual

Model: Flash X | Brand: GYROCOPTERS

1. INTRODUCTION

Welcome to the user manual for your new Gyrocopters Flash 6.0 / FlashX 2025 Electric Scooter. This manual provides essential information for the safe operation, maintenance, and optimal performance of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

The Gyrocopters FlashX Electric Scooter is designed for adults and teens, offering a blend of powerful performance, smart features, and enhanced safety. It is UL2272 approved, ensuring high safety standards.

2. PRODUCT OVERVIEW AND COMPONENTS

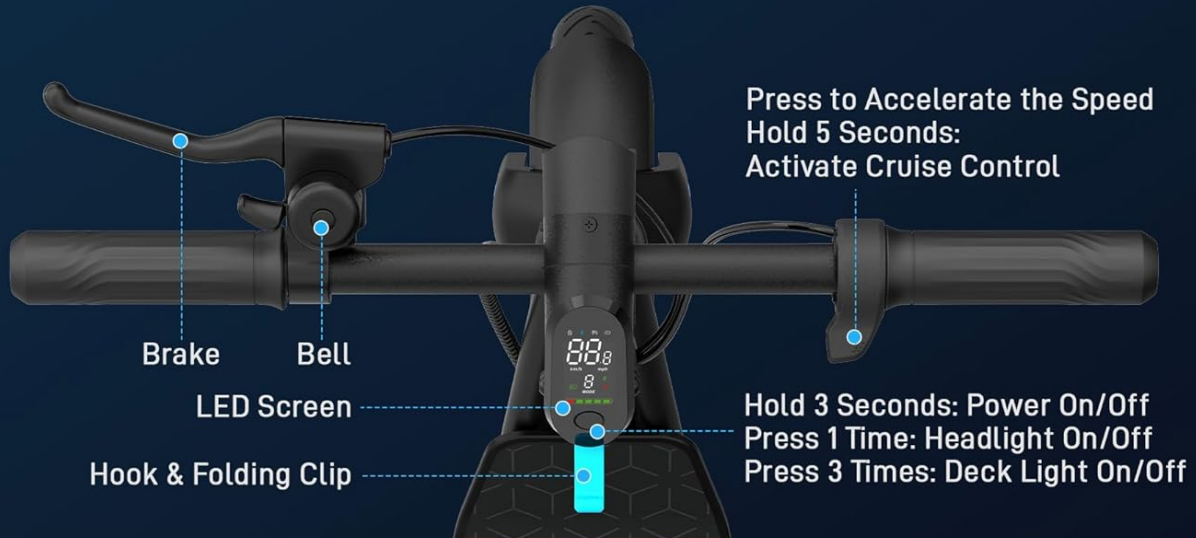
Familiarize yourself with the main components of your FlashX Electric Scooter.



GYROCOPTERS

SAFE & RELIABLE

Trusted E-Scooter for You



**UL 2272
Approved**

Safety approved for Canada and the US laws, ensuring a secure e-scooter that meets safety standards. UL2272 test:

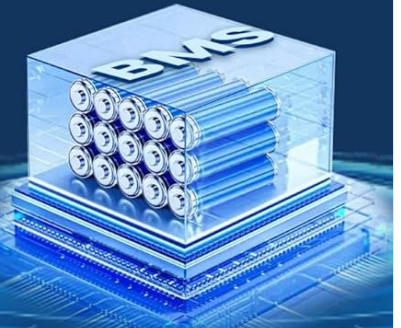
- Brakes
- Battery Systems
- Electrical Components
- Mechanical Components
- Structural Integrity



**Battery Management
System (BMS)**

Protect battery from:

- Undervoltage
- Over Heat
- Catching Fire
- Overload
- Short Circuit
- Overcurrent
- Overvoltage



**UL Approved
Battery**

Image: Detailed view of the scooter's handlebars and deck, highlighting the brake lever, bell, central LED display, folding clip, and a hook for carrying bags. Instructions for power, headlight, and deck light controls are also visible.

Key Components:

- **Handlebars:** Equipped with brake lever, bell, and controls.
- **LED Display:** Shows speed, battery level, and mode.
- **Headlight:** Bright LED for night visibility.
- **Deck:** Wider design for enhanced comfort and stability, with integrated blue LED lights.
- **Folding Clip & Hook:** For easy folding and carrying.
- **Front & Rear Fenders:** Protection from mud and water.
- **8.5" Honeycomb Tires:** Puncture-proof and designed for shock absorption.
- **Rear-Wheel Drive Motor:** 350W high-torque motor for powerful and stable acceleration.
- **Rear Disc Brake:** Mechanical disc brake for reliable stopping power.
- **Battery:** Long-lasting 36V 7.8Ah lithium-ion battery.

- **Taillight:** Integrated for rear visibility and safety.



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STURDY HOOK

Hands-Free Convenience



1.5X WIDER DECK

Enhanced Comfort

OTHERS
✗ Narrow & Thin



REAR DISC BRAKE

Improved Braking Power



Image: Close-up details of the scooter, showing the sturdy hook for bags, the wider deck (1.5X wider than standard) for improved comfort, and the rear disc brake system for enhanced stopping power.

3. SETUP AND INITIAL PREPARATION

3.1 Unboxing and Assembly

Your Gyrocopters FlashX Electric Scooter comes partially assembled. Please follow these steps to complete the setup:

1. Carefully remove all components from the packaging.
2. Unfold the scooter frame until it locks into place.
3. Attach the handlebars to the stem, ensuring all cables are properly connected and not pinched.
4. Secure the handlebars using the provided 6 screws and Allen wrench. Ensure they are tightened firmly.
5. Inspect the tires, brakes, and all connections to ensure they are secure before first use.

3.2 Initial Charging

Before your first ride, fully charge the scooter's battery.

- Locate the charging port on the scooter.
- Connect the charger to the scooter, then plug the charger into a standard electrical outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
- A full charge typically takes approximately 4 hours.
- Do not overcharge the battery. Disconnect the charger once charging is complete.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on the scooter, hold the power button on the LED display for 3 seconds.
- To power off, hold the power button for 3 seconds again.

4.2 Headlight and Deck Lights

- To turn the headlight on or off, press the power button once.
- To turn the deck lights (blue LEDs) on or off, press the power button three times.



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FLASH

VIBRANT LIGHTS

Shine Bright Ride Safe



**Dual-Sided
Lightray LED**



**Bright
Headlight**



**Safety
Brake Light**



Image: The Gyrocopters FlashX scooter illuminated, showcasing its dual-sided Lightray LED, bright front headlight, and rear safety brake light, emphasizing visibility features.

4.3 Speed Modes

The FlashX offers three distinct speed modes to suit your riding preference and environment:

- **Comfort (ECO) Mode:** Maximum speed of 15 km/h (9.3 mi/h). Ideal for beginners or crowded areas.
- **Normal Mode:** Maximum speed of 25 km/h (15.5 mi/h). Suitable for general urban commuting.
- **Sport Mode:** Maximum speed of 32 km/h (20 mi/h). For experienced riders seeking higher performance.

Refer to the LED display for the current speed mode. Press the mode button (usually indicated by a gear icon or 'M') to cycle through the modes.



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3 SPEED MODES

Multiple Ride Options

Comfort (ECO)

15km/h (9.3mi/h)



Normal

25km/h (15.5mi/h)



Sport

32km/h (20mi/h)



Cruise Control



Image: A rider demonstrating the scooter's three speed modes: Comfort (ECO) at 15 km/h, Normal at 25 km/h, and Sport at 32 km/h, also highlighting the cruise control feature.

4.4 Cruise Control

To activate cruise control, maintain a steady throttle for 8 seconds. The scooter will then maintain its current speed. To deactivate, simply press the brake lever or accelerate.

4.5 App Control (Ofstar Mobi)

Enhance your riding experience by connecting your FlashX scooter to the Ofstar Mobi app via Bluetooth. The app allows you to:

- Track your ride statistics.
- Check the current battery level.
- Turn cruise control on or off.
- Switch between speed modes.
- Utilize built-in GPS tracking to find your scooter's location.

- Activate the anti-theft lock feature (note: this feature requires the scooter to remain powered on and the app open on your phone, connecting via Bluetooth).

Image: A user interacting with the Ofstar Mobi app on a smartphone, demonstrating its capabilities for controlling the scooter's anti-theft lock, headlight, cruise control, speed modes, and viewing ride history.

4.6 Braking

The scooter is equipped with a reliable mechanical disc brake located on the rear wheel. To brake, gently squeeze the brake lever on the handlebars. Apply smooth and gradual pressure for controlled stopping. Avoid sudden braking, especially at high speeds or on slippery surfaces.

4.7 Folding and Portability

The FlashX Electric Scooter features a foldable design for easy transport and storage.

- To fold, locate the folding mechanism near the base of the stem.
- Engage the folding clip and carefully fold the stem downwards until it locks into place.
- The scooter weighs approximately 14.6 kg (32.2 lbs), making it convenient for carrying on public transport or storing

in compact spaces.



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COMPACT DESIGN

Easy to Carry



14.6kg (32.2lbs)
Light Weight



Image: A woman easily carrying the folded Gyrocopters FlashX scooter, demonstrating its compact and lightweight design, ideal for transport and storage.

5. MAINTENANCE

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

5.1 Battery Care

- Always use the original charger provided with your scooter.
- Avoid completely draining the battery before recharging.
- If storing the scooter for an extended period, ensure the battery is charged to approximately 50-70% and recharge it every 1-2 months to prevent deep discharge.
- The integrated Battery Management System (BMS) protects against undervoltage, overheating, short circuits,

overcurrent, and overvoltage.

5.2 Tire Maintenance

The FlashX is equipped with 8.5" puncture-proof solid honeycomb tires, which require minimal maintenance. Regularly inspect them for any signs of wear or damage.

5.3 General Cleaning and Inspection

- Clean the scooter regularly with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- Periodically check all screws and bolts for tightness.
- Inspect the brake system for proper function and wear.
- Ensure the folding mechanism operates smoothly and locks securely.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or depleted; Power button not held long enough.	Charge the battery fully; Hold the power button for 3 seconds.
Reduced range or power.	Battery not fully charged; Riding uphill frequently; Heavy load; Cold weather.	Ensure battery is fully charged; Adjust riding style; Note that performance may vary with conditions.
Brakes feel loose or ineffective.	Brake cable needs adjustment; Brake pads are worn.	Inspect brake cable tension and adjust if necessary; Consult a professional for brake pad replacement.
App connection issues.	Bluetooth is off; App needs update; Scooter is off.	Ensure Bluetooth is enabled on your device; Update the Ofstar Mobi app; Power on the scooter.

7. SPECIFICATIONS

Below are the technical specifications for the Gyrocopters FlashX Electric Scooter:

- **Model Name:** Flash X
- **Brand:** GYROCOPTERS
- **Motor Power:** 350W (Rear-Wheel Drive)
- **Battery:** 36V 7.8Ah Lithium Ion (included)
- **Charging Time:** Approximately 4 hours
- **Max Speed:** Up to 32 km/h (20 mi/h)
- **Max Range:** Up to 30 km (20 mi) per charge
- **Wheel Size:** 8.5 Inches (Honeycomb Tires)
- **Brake Type:** Rear Mechanical Disc Brake
- **Frame Material:** Alloy Steel
- **Item Weight:** 14.6 kg (32.2 lbs)

- **Maximum Weight Capacity:** 120 kg (265 lbs)
- **Parcel Dimensions:** 119 x 41 x 18.5 cm
- **Special Features:** LED Light, APP Control, Foldable, Portable, Lightweight, Cruise Control, EABS + Disc Brake, Burst Proof Tires, Speed modes, 20% Hill Grade capability.
- **Safety Certification:** UL2272 Approved



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NEXT-GEN SPEED & CONTROL

Go Fast, Go Far!



32km/h (20mi/h)
Max Speed*



32km (20mi)
Max Range*



7.8 Ah
Battery Capacity



UL2272
Approved



* E-scooter speed and range may vary due to terrain, battery condition, and legal restrictions; estimates provided but not guaranteed by Gyrocopters.

Image: A rider on the Gyrocopters FlashX scooter, illustrating its performance capabilities including a maximum speed of 32 km/h, a maximum range of 32 km, a 7.8 Ah battery capacity, and its UL2272 safety approval.

8. SAFETY GUIDELINES

Your safety is paramount. Adhere to these guidelines to ensure a safe riding experience:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.

- Avoid riding in heavy rain, snow, or on extremely wet or icy surfaces.
- Be aware of your surroundings and potential hazards, including pedestrians, vehicles, and uneven terrain.
- Maintain a safe distance from other vehicles and obstacles.
- Do not perform stunts or dangerous maneuvers.
- Ensure the scooter is fully charged and in good working condition before each ride.
- The scooter is designed for one rider only. Do not carry passengers.
- The push-to-start design helps prevent sudden jerks; ensure you push off before engaging the throttle.

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical support, or any inquiries regarding your Gyrocopters FlashX Electric Scooter, please contact the manufacturer directly.

Manufacturer: Gyrocopters

Contact Information:

Phone: +1 647-797-3804

Email: customercare@imgadgets.com

Please have your model number (Flash X) and purchase details ready when contacting support.