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› GYROCOPTERS Flash 6.0 Electric Scooter User Manual

GYROCOPTERS Flash 6.0

GYROCOPTERS Flash 6.0 Electric Scooter User Manual

Model: Flash 6.0

INTRODUCTION

Welcome to the user manual for your new GYROCOPTERS Flash 6.0 Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

Important Safety Information

Your safety is paramount. Always wear a helmet and appropriate protective gear when riding. Adhere to all local laws and regulations regarding electric scooter use. The GYROCOPTERS Flash 6.0 is UL2272 approved, indicating it meets high safety standards for electrical and fire safety. However, improper use can still lead to injury or damage.

- Always wear a helmet and other protective gear (knee pads, elbow pads).
- Do not ride in wet conditions, on slippery surfaces, or in heavy traffic.
- Maintain a safe speed and distance from others.
- Regularly inspect your scooter for any signs of damage or wear.
- Ensure the battery is properly charged and maintained.

PRODUCT OVERVIEW

Scooter Components

Familiarize yourself with the main parts of your Flash 6.0 Electric Scooter.



This image displays the Gyrocopters Flash 6.0 Electric Scooter in its operational state, alongside a smaller image of the scooter folded. A smartphone screen illustrates the integrated control app interface. The scooter features a black frame with red accents on the wheels and brake cables. A small bag is shown hanging from the handlebar hook.

Key Features

- **UL2272 Approved:** Meets high safety standards for reliable operation.
- **Four Speed Modes:** Includes Walk (6 km/h), Eco (10 km/h), Normal (20 km/h), and Sports (30 km/h) for varied riding needs.
- **App-Integrated Control:** Connects via Bluetooth to the Tuya app for remote locking, headlight control, cruise control, and ride tracking.
- **Lightweight & Portable:** Weighs approximately 13 kg (28.6 lbs) and features a folding design for easy transport and storage.
- **High Load Capacity:** Supports riders up to 120 kg (265 lbs).
- **Powerful Motor:** Equipped with a 350W brushless motor (500W peak power) for smooth performance.
- **Durable Tires & Braking:** Features 8.5-inch solid rubber tires and EABS + Disc Brakes with bright red brake lights.

- **LED Lighting:** Bright LED headlights and integrated taillights for improved visibility.
- **Interactive LED Display:** Provides essential ride information such as speed, battery level, and mode.

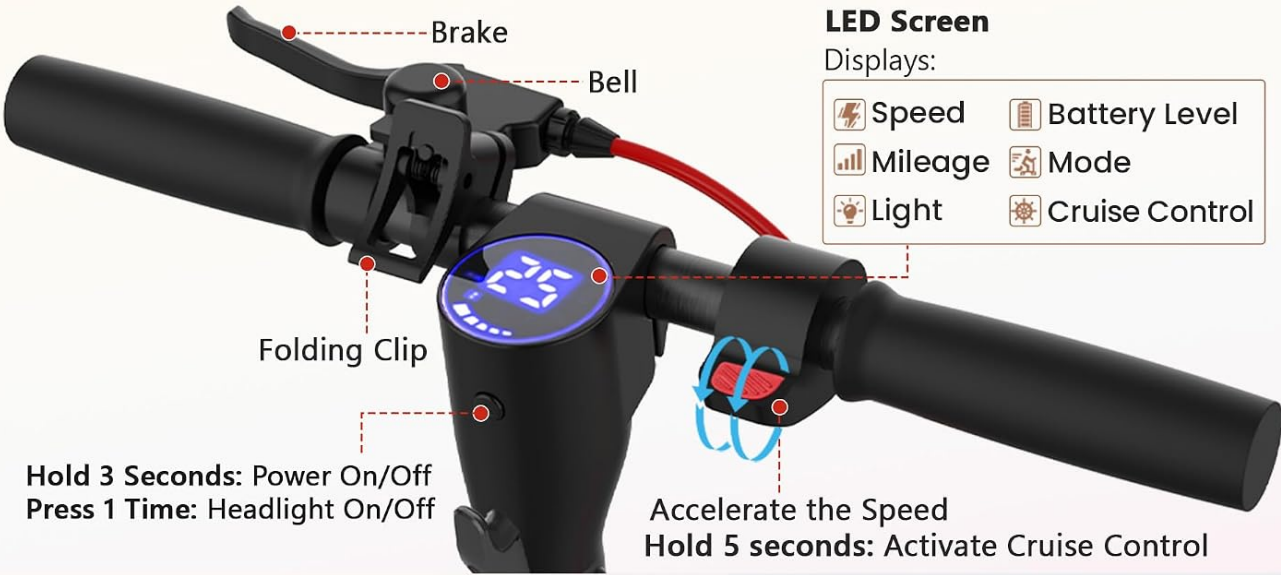
Portability

The Flash 6.0 is designed for convenience, featuring a quick-fold mechanism that makes it easy to carry and store.


GYROCOPTERS

SAFETY & RELIABLE

Trusted E-Scooter for You



Hold 3 Seconds: Power On/Off
Press 1 Time: Headlight On/Off

LED Screen
Displays:

Speed	Battery Level
Mileage	Mode
Light	Cruise Control

Accelerate the Speed
Hold 5 seconds: Activate Cruise Control



UL 2272 Approved

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

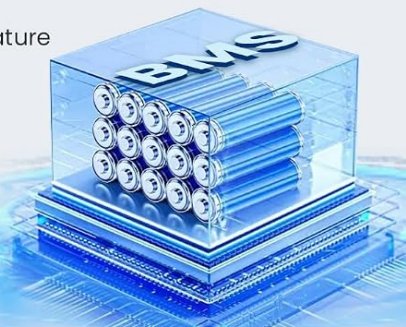
- Brakes
- Battery Systems
- Electrical Components
- Mechanical Components
- Structural Integrity



Battery Management System (BMS)

Protect battery from:

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



**UL Approved
Battery**

This image demonstrates the folding design of the Gyrocopters Flash 6.0 Electric Scooter, showing it in a compact, folded state. It illustrates the ease of carrying the scooter and its convenient storage options, such as fitting into a car trunk or being transported on public transit like a subway.

SETUP

Unpacking and Initial Assembly

1. Carefully remove all components from the packaging.
2. Unfold the scooter frame until it locks securely into place.
3. Attach the handlebar to the stem, ensuring all connections are firm and secure.
4. Check that all screws and fasteners are tightened before use.

Initial Charging

Before your first ride, fully charge the scooter's battery. This typically takes several hours. Refer to the charging indicator on the charger or the scooter's display for charge status.

- Connect the charger to the scooter's charging port.
- Plug the charger into a standard wall outlet.
- The indicator light on the charger will change (e.g., from red to green) when charging is complete.
- Disconnect the charger once fully charged.

OPERATING INSTRUCTIONS

Powering On and Off



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FLASH 6.0 E-SCOOTER

Designed for Efficiency



**STURDY
HOOK**



30km/h (18.6mi/h)
Max Speed



30km (18.6mi)
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.



This image shows a detailed view of the scooter's handlebar, highlighting the central LED display which indicates speed, battery level, and mode. The brake lever, bell, and folding clip are also visible. Instructions for power on/off and headlight control are overlaid on the image.

- **To Power On:** Press and hold the power button on the LED display for 3 seconds.
- **To Power Off:** Press and hold the power button for 3 seconds until the display turns off.
- **Headlight Control:** With the scooter powered on, press the power button once to turn the headlight on or off.

Speed Modes

The Flash 6.0 offers four distinct speed modes to suit various riding preferences and conditions.



GYROCOPTERS

4 SPEED MODES

Multiple Ride Options



Walk

6km/h (3.7mi/h)



Comfort (ECO)

10km/h (6.2mi/h)



Normal (D)

20km/h (12.4mi/h)



Sports (S)

30km/h (18.6mi/h)

4 SPEED MODES



This infographic details the four distinct speed modes available on the Gyrocopters Flash 6.0 Electric Scooter. It illustrates Walk Mode (6 km/h), Eco Mode (10 km/h), Normal Mode (20 km/h), and Sports Mode (30 km/h), providing speed information for each setting.

- **Walk Mode (6 km/h):** Ideal for beginners or when walking alongside the scooter.
- **Eco Mode (10 km/h):** For extended range and energy efficiency.
- **Normal Mode (20 km/h):** Suitable for daily commutes and balanced performance.
- **Sports Mode (30 km/h):** Provides maximum speed and power for experienced riders.

To switch between modes, double-press the power button quickly.

App Integration (Tuya App)

Enhance your riding experience by connecting your scooter to the Tuya app via Bluetooth.



GYROCOPTERS

APP INTEGRATED CONTROL

Track Your Ride

Tuya



Lock/Unlock



Headlight On/Off



Cruise Control

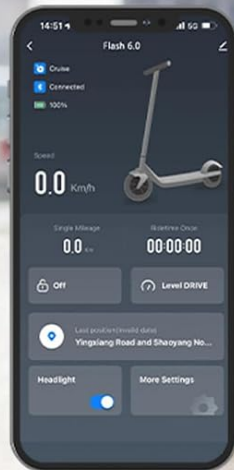


Switch Modes



Riding History

Explore More Fun
on Tuya!



Search for "Tuya" on the Google Play Store (Android) or the Apple App Store (iOS) to download and install the app.



This image depicts a user interacting with the Tuya app on a smartphone, demonstrating its integrated control features for the Gyrocopters Flash 6.0 Electric Scooter. The app interface shows options for remote locking/unlocking, headlight control, cruise control, mode switching, and ride history tracking.

1. Download the Tuya app from your smartphone's app store (iOS or Android).
2. Ensure your scooter is powered on and Bluetooth is enabled on your phone.
3. Open the Tuya app and follow the instructions to pair with your Flash 6.0 scooter.

App features include:

- Remote lock/unlock
- Headlight control
- Cruise control activation
- Ride history tracking
- Monitoring battery level and speed

Riding the Scooter



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RIDE BRIGHT & SAFE

Security in Every Detail

PUSH TO START
SAFETY FEATURE

BRIGHT
LED HEADLIGHT

INTEGRATED
TAILLIGHT

This image illustrates the 'Push to Start' safety feature of the Gyrocopters Flash 6.0 Electric Scooter, showing a rider initiating movement. It also highlights the bright LED headlight and the integrated taillight, emphasizing visibility and safety features.

- **Push-to-Start:** For safety, the scooter requires a gentle push with your foot to initiate movement before the accelerator engages.
- **Acceleration:** Once moving, press the accelerator lever on the right handlebar to increase speed.
- **Braking:** Use the brake lever on the left handlebar to activate the EABS + Disc Brakes. The rear brake light will illuminate.
- **Cruise Control:** To activate cruise control, maintain a consistent speed for 5 seconds. The scooter will beep, and the cruise control icon will appear on the display. To deactivate, press the brake lever or accelerator.

General Care

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Fasteners:** Periodically check and tighten all screws and bolts.

Battery Care

Proper battery maintenance extends its lifespan and ensures safe operation.

**GYROCOPTERS**

FOLDING DESIGN
Easy to Carry

**13kg (28.6lbs)**
Light Weight



Commute


Travel


Subway


This diagram explains the Battery Management System (BMS) of the Gyrocopters Flash 6.0 Electric Scooter, which is UL 2272 approved. It details how the BMS protects the battery from common issues such as undervoltage, over-temperature, overcurrent, and short circuits, ensuring safe operation.

- Always use the original charger provided.
- Avoid completely draining the battery. Charge it regularly, even if not in use for extended periods.
- Do not expose the battery to extreme heat or cold.
- The integrated Battery Management System (BMS) protects against overvoltage, undervoltage, overcurrent, and

over-temperature.

Tire Maintenance

The Flash 6.0 features 8.5-inch solid rubber tires, which are burst-proof and require minimal maintenance compared to pneumatic tires.

**GYROCOPTERS**

POWERFUL MOTOR
All-Terrain Riding

INTEGRATED TAILLIGHT
Prioritize Your Safety

8.5" SOLID TIRE
Shock Absorption

WEAR-RESISTANT
Durable Material



**Flat**

**Beach**

**Gravel**

**Snow**

Front & Rear Fenders
Protection from Mud and Water



This image provides a close-up view of the rear wheel and motor of the Gyrocopters Flash 6.0 Electric Scooter, emphasizing its 350W brushless motor and 8.5-inch solid rubber tire designed for shock absorption and wear resistance. The integrated taillight is also visible.

Below, smaller images depict the scooter's suitability for various terrains including flat roads, gravel, beach, and snow.

- Regularly inspect tires for cuts, cracks, or embedded debris.
- While solid, severe impacts can still cause damage. Avoid sharp objects and rough terrain where possible.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Flash 6.0 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Power button not held long enough; Loose connections	Charge battery fully; Hold power button for 3 seconds; Check all cable connections.
Scooter does not accelerate	Not performing push-to-start; Accelerator lever not fully engaged; Faulty motor/controller	Ensure you push off to gain initial speed; Press accelerator fully; Contact customer support if issue persists.
Reduced range or speed	Low battery charge; Riding uphill frequently; Heavy load; Cold weather	Charge battery fully; Ride in Eco mode for efficiency; Note that performance may vary with conditions.
Brakes feel weak or too strong	Brake cable adjustment needed; Worn brake pads	Adjust brake cable tension; Inspect and replace brake pads if worn.
App connection issues	Bluetooth off; Scooter not powered on; App not updated	Ensure Bluetooth is on and scooter is powered; Restart app and scooter; Update app to latest version.

SPECIFICATIONS

Detailed technical specifications for the GYROCOPTERS Flash 6.0 Electric Scooter.

Feature	Detail
Model Name	Flash 6.0
Product Dimensions	110 x 49 x 114 cm (unfolded)
Item Weight	13 kg (28.6 lbs)
Maximum Weight Capacity	120 kg (265 lbs)
Motor Power	350W Brushless (500W Peak)
Max Speed	30 km/h (18.6 mph)
Max Range	Up to 30 km (18.6 miles)

Feature	Detail
Battery Capacity	7.8 Ah Nonstandard Battery (included)
Wheel Size	8.5 Inches
Tire Type	Solid Rubber
Brake Type	EABS + Rear Disc Brakes
Frame Material	Alloy Steel
Special Features	APP Control, Foldable, Portable, Lightweight, Cruise Control, Burst Proof Tires, 4-Speed modes, 20% Hill Grade
Safety Certification	UL2272 Approved

WARRANTY AND SUPPORT

Warranty Information

Your GYROCOPTERS Flash 6.0 Electric Scooter comes with a manufacturer's warranty. Please refer to the warranty card included in your packaging or visit the official GYROCOPTERS website for detailed terms and conditions regarding coverage and duration.

Customer Support

For technical assistance, parts, or warranty claims, please contact GYROCOPTERS customer support:

- **Phone:** +1 647-797-3804
- **Email:** customercare@imgadgets.com
- **Chat:** www.imgadgets.com

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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.

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