

Kugookirin G3Pro

KuKirin G3PRO Electric Scooter User Manual

Model: G3Pro | Brand: Kugookirin

1. INTRODUCTION

Welcome to the KuKirin G3PRO Electric Scooter user manual. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. The KuKirin G3PRO is designed for adults, featuring powerful dual motors, a large capacity battery, and off-road tires for a versatile riding experience. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. SAFETY INFORMATION

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

- Do not ride in heavy rain or through deep puddles.
- Ensure all bolts and fasteners are tightened before each ride.
- Familiarize yourself with the controls, including the accelerator and brakes, before riding at speed.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid riding on slippery surfaces or steep inclines beyond the scooter's capability.
- Children should not operate this electric scooter.

3. COMPONENTS OVERVIEW

The KuKirin G3PRO Electric Scooter is comprised of several key components designed for performance and durability.



Figure 3.1: Overall view of the KuKirin G3PRO Electric Scooter, showing both unfolded and folded configurations.

11 Light Systems

For safe night riding lighting needs



Figure 3.2: Close-up of the LED HD Smart Display and handlebar controls, including accelerator, brake, light switches, and folding hook.

Key Features:

- **Powerful Dual Motor:** Two 1200W motors (2400W total) for instant acceleration and speeds up to 40MPH (65KM/H).
- **Large Capacity Battery:** 52V/23AH battery offering up to 49 miles (80 km) range. The battery is removable for convenient charging.
- **10-inch Off-Road Tires:** Designed for various terrains, providing excellent grip and stability.
- **Dual Suspension System:** Front and rear shock-absorbing arms with tuned damping springs for a comfortable ride over bumps.
- **LED HD Display:** Provides real-time data including gear, speed, and mileage.
- **11-Light System:** Comprehensive lighting for enhanced night riding safety, including headlights, side lights, and tail lights.
- **Oil Brakes:** Front and rear oil brakes with 140mm disc brakes for reliable stopping power.
- **Foldable Design:** Allows for easier storage and transport.

4. SETUP

Your KuKirin G3PRO scooter comes mostly pre-assembled. Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the scooter and all accessories from the packaging.
2. **Handlebar Installation:**
 - Unfold the scooter and secure the main stem.
 - Attach the handlebars to the stem using the provided screws. Ensure they are securely fastened.
 - Adjust the brake levers and display to a comfortable riding position.
3. **Initial Charge:**
 - Before first use, fully charge the battery. The battery can be charged while installed or removed.
 - Connect the charger to the scooter's charging port or directly to the battery.
 - The charging time is approximately 10 hours.



Figure 4.1: Illustration of the 52V/23AH large capacity battery and its charging capabilities.



Figure 4.2: The removable battery feature, allowing for individual charging and easy replacement.

4. **Tire Pressure Check:** Ensure tires are inflated to the recommended pressure for optimal performance and safety.
5. **Brake Adjustment:** Verify that both front and rear brakes are functioning correctly and provide adequate stopping power. Adjust if necessary.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To power on, press and hold the power button on the display until the screen illuminates.
- To power off, press and hold the power button until the display turns off.

5.2 Riding Modes

The G3PRO offers 3 speed modes and 2 power modes (single motor/dual motor) to suit various riding conditions and preferences.

- **Speed Modes:** Cycle through speed modes (Level 1, 2, 3) using the mode button on the display.
 - Level 1: Approximately 12 MPH (casual riding)
 - Level 2: Approximately 25-28 MPH (balanced performance)
 - Level 3: Up to 40 MPH (maximum speed)
- **Power Modes:** Switch between single and dual motor drive for different power outputs. Dual motor provides maximum acceleration and climbing ability.

Overpowered Dual Motor



1200W x 2 Dual Drive Motor



65KM/H (40MPH) Max Speed



3 Speeds Selection



35° Climbing Ability



Figure 5.1: Illustration highlighting the powerful dual 1200W motors and their performance capabilities.

5.3 Riding Tips

- Start slowly and gradually increase speed as you become comfortable.
- Lean into turns for better stability.
- Use both brakes simultaneously for effective stopping.
- Be aware of your surroundings and anticipate potential hazards.
- The scooter is equipped with 11 lights for night riding. Ensure they are on when visibility is low.

LED HD Smart Display

Ride data sent to the display in real time



Figure 5.2: Overview of the 11-light system for enhanced visibility and safety during night rides.

5.4 Folding and Storage

To fold the scooter for storage or transport:

1. Ensure the scooter is powered off.
2. Locate the folding mechanism on the stem.
3. Follow the specific instructions for your model to release the locking mechanism and fold the stem down towards the deck.
4. Secure the folded position using the designated latch or hook.



Figure 5.3: Dimensions of the KuKirin G3PRO Electric Scooter in both unfolded and folded states.

5.5 Official Product Videos

Watch these official videos from Kugookirin Direct for visual guides on setup and features.

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Video 5.1: "KuKirin G3Pro Electric Scooter for Adults" - An overview of the scooter's features and capabilities.

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Video 5.2: "KuKirin G3Pro Off Road Electric Scooter" - Demonstrates the scooter's performance on various terrains.

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Video 5.3: "KuKirin G3PRO Electric Scooter Unboxing Video" - A guide to unboxing and initial setup of the scooter.

6. MAINTENANCE

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

- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or immerse the

scooter in water.

- **Tire Care:** Regularly check tire pressure and inspect for wear or damage. Replace tires when tread is worn.
- **Brake Inspection:** Check brake pads and discs for wear. Ensure brake levers operate smoothly and provide firm stopping power.
- **Battery Care:**
 - Charge the battery fully after each use, especially if storing for an extended period.
 - Avoid completely draining the battery.
 - Store the scooter and battery in a cool, dry place away from direct sunlight and extreme temperatures.
- **Fastener Check:** Periodically check all screws and bolts to ensure they are tight.
- **Lubrication:** Lubricate moving parts as needed, such as folding mechanisms.



Figure 6.1: The scooter's IP54 waterproof level, indicating resistance to splashes and light rain, but not immersion.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose battery connection; power button issue.	Charge the battery fully. Check battery connection. Contact customer support if issue persists.
Reduced range or speed.	Low tire pressure; low battery charge; heavy load; riding uphill.	Check tire pressure. Fully charge battery. Reduce load.
Brakes are not effective.	Worn brake pads; loose brake cable; air in hydraulic system.	Inspect and replace brake pads. Adjust brake cable tension. For hydraulic issues, seek professional service.

Problem	Possible Cause	Solution
Unusual noises during operation.	Loose components; debris in wheels; motor issue.	Check all fasteners. Inspect wheels for obstructions. If motor noise, contact support.
Speed limiter mode activated (stuck at 15mph).	Accidental activation of P-settings or safety feature.	Refer to online resources or contact customer support for specific button combinations to deactivate speed limiter mode.

8. SPECIFICATIONS

Feature	Detail
Brand	Kugookirin
Model Name	G3Pro
Motor Power	2 x 1200W (2400W total) Dual Motor
Max Speed	Up to 40 MPH (65 KM/H)
Battery Capacity	52V/23AH
Max Range	Up to 49 Miles (80 KM)
Tire Size	10 Inches Off-Road Pneumatic Tires
Brake System	Front & Rear Oil Brakes with 140mm Disc Brakes
Suspension Type	Dual Suspension
Max Load	264 lbs (120 KG)
Charging Time	Approx. 10 Hours
Frame Material	Aluminum
Item Weight	39.6 Kilograms
Waterproof Level	IP54
Unfolded Dimensions (LxWxH)	1295*630*1360mm (51 x 25 x 53.5 inches)
Folded Dimensions (LxWxH)	1295*630*595mm

9. WARRANTY AND SUPPORT

The KuKirin G3PRO Electric Scooter comes with a 12-month limited warranty.

- **Warranty Period:** 12 months from the date of purchase.
- **Return Policy:** 30-day easy returns.
- **UL Certification:** Products are UL 2272 certified.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact Kugookirin Direct customer service. They provide 24-hour after-sales technical service.
- **Contact Information:** Refer to your purchase documentation or the official Kugookirin website for the most

current contact details.

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