

Kukirin G2 Master

Kukirin G2 Master Electric Scooter User Manual

Brand: Kukirin | Model: G2 Master

INTRODUCTION

Welcome to the user manual for your new Kukirin G2 Master Electric Scooter. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your scooter. Please read this manual thoroughly before using the product to ensure proper handling and to maximize your riding experience.

The Kukirin G2 Master is a high-performance foldable electric scooter designed for urban mobility and off-road adventures, featuring a powerful dual-motor system, long-range battery, and advanced suspension for a comfortable and stable ride.



Figure 1: The Kukirin G2 Master Electric Scooter, showcasing its robust design and sleek black finish with orange accents.

SETUP AND INITIAL PREPARATION

1. Unboxing and Assembly

Carefully remove all components from the packaging. The Kukirin G2 Master comes largely pre-assembled, but some minor setup is required before first use.

- **Unfold the Scooter:** Release the folding mechanism and carefully raise the handlebar stem until it locks into place. Ensure the locking buckle is securely fastened.
- **Attach Handlebars:** If detached, slide the handlebar into the stem and secure it with the provided screws.
- **Adjust Handlebar Height:** The handlebar is adjustable. Loosen the height adjustment locking buckle, extend or

retract the handlebar to your desired height, and then securely tighten the buckle.

Button control area

Easy to use, multi-function control, display screen for easy viewing of real-time data.



Figure 2: Close-up of the handlebar control area, showing the display, switch button, folding hook, and height adjustment locking buckle.

2. Initial Charging

Before your first ride, fully charge the scooter's battery. This ensures optimal battery life and performance.

- Locate the charging port, typically covered by a waterproof cap.
- Connect the charger to the scooter's charging port, then plug the charger into a standard power outlet.
- The charging indicator on the charger will change (e.g., from red to green) when charging is complete.
- A full charge typically takes approximately 7-8 hours with the upgraded charger.

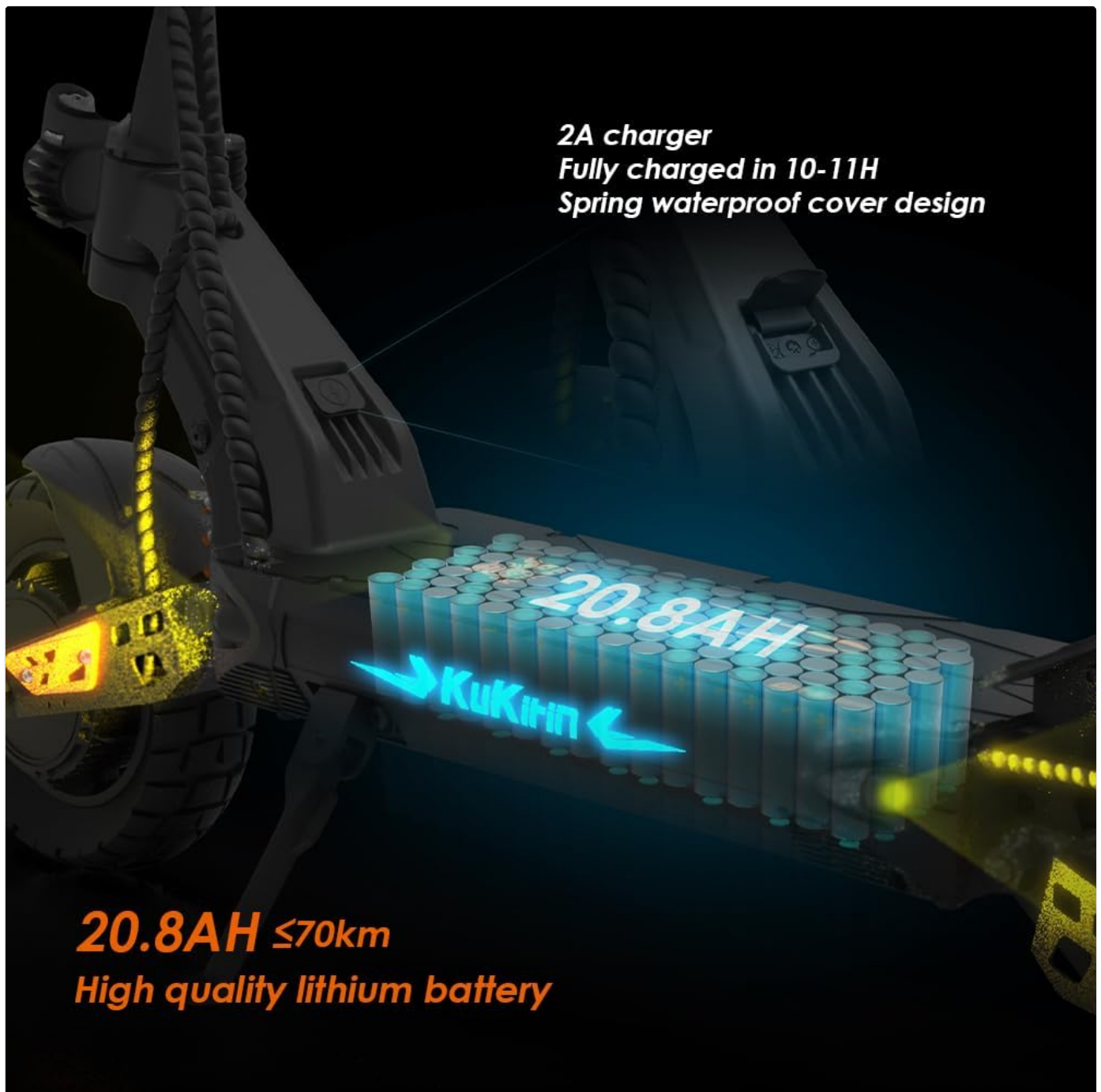


Figure 3: Illustration of the high-quality lithium battery (20.8Ah) and the charging port with its spring waterproof cover design.

OPERATING INSTRUCTIONS

1. Power On/Off and Display

- To power on the scooter, press and hold the power button on the display.
- The extra-large display will illuminate, showing real-time data such as speed, battery level, and riding mode.
- To power off, press and hold the power button again.

2. Riding Modes and Speed Control

The Kukirin G2 Master features multiple riding modes and a dual-drive system for versatile performance.

- Use the switch button on the handlebar to toggle between single and dual-drive modes. Dual-drive provides enhanced power and acceleration.
- Adjust your speed using the accelerator lever. The scooter offers three adjustable speed levels.

- Always start in a lower speed mode until you are comfortable with the scooter's handling.

3. Braking System

The scooter is equipped with front and rear dual disc brakes for reliable stopping power.

- Apply both brake levers simultaneously for effective and balanced braking.
- Avoid sudden or harsh braking, especially at high speeds, to prevent loss of control.

4. Lighting and Safety Features

The G2 Master includes a comprehensive lighting system for enhanced visibility and safety.

- Activate the headlight using the light switch on the handlebar.
- Use the turn signal switch to indicate your direction to others.
- The scooter also features ambient lights and a tail light, contributing to overall visibility, especially during night riding.
- A horn is integrated for alerting pedestrians or other vehicles.



Figure 4: Diagram illustrating the scooter's 8-light system, including headlight, turn signals, ambient lights, and reflector, ensuring safety during night rides.

5. Folding Mechanism

The foldable design allows for easy storage and transport.

- To fold, ensure the scooter is powered off.
- Locate and release the folding hook/mechanism near the base of the handlebar stem.
- Carefully fold the handlebar stem down towards the deck until it locks into its folded position.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Kukirin G2 Master scooter.

1. Battery Care

- Always use the original charger provided.
- Do not overcharge or completely drain the battery.
- If storing the scooter for an extended period, charge the battery to approximately 50-70% and recharge every 1-2 months to prevent deep discharge.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

2. Tire and Brake Inspection

- Regularly check the 10-inch anti-skid off-road tires for wear, punctures, or damage. Maintain proper tire pressure as specified.
- Inspect the front and rear disc brakes for proper function. Ensure brake pads are not excessively worn and brake levers operate smoothly. Adjust or replace components as needed.



Figure 5: The 10-inch anti-skid off-road tires demonstrating their capability on challenging surfaces like snow.

3. General Cleaning and Lubrication

- Clean the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals.
- Periodically check and tighten all screws and fasteners.
- Ensure the hydraulic shock absorbers are clean and free from debris.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Kukirin G2 Master scooter.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scooter does not power on.	Low or depleted battery; loose battery connection; faulty power button.	Charge the battery fully. Check all cable connections. If problem persists, contact support.
Reduced range or power.	Under-inflated tires; low battery charge; riding uphill frequently; heavy load.	Check tire pressure and inflate if necessary. Ensure battery is fully charged. Adjust riding style.
Brakes feel weak or spongy.	Worn brake pads; air in hydraulic system; misaligned calipers.	Inspect brake pads and replace if worn. Consult a professional for brake system bleeding or caliper adjustment.
Unusual noises during operation.	Loose components; debris in wheels/motor; worn bearings.	Check all fasteners for tightness. Inspect wheels and motor for obstructions. If noise persists, seek professional inspection.

SPECIFICATIONS

Key technical specifications for the Kukirin G2 Master Electric Scooter:

Feature	Detail
Model Name	Kukirin G2 Master
Dimensions (Extended)	126 x 59.5 x 131.5 cm (Length x Width x Height)
Dimensions (Folded)	126 x 59.5 x 59.5 cm (Length x Width x Height)
Weight	33 kg
Maximum Load Capacity	120 kg
Battery Type	High-quality Lithium Battery
Battery Capacity	52V / 20.8Ah (1081.6 Wh)
Maximum Range	Up to 70 km (43.5 miles)
Motor Type	Dual-drive high-performance motors
Tire Size	10 inches
Tire Type	Anti-skid off-road tires
Braking System	Front and Rear Dual Disc Brakes
Suspension Type	Front and Rear Hydraulic Shock Absorbers (Dual Suspension)
Frame Material	Aluminum Alloy
Charging Time	Approx. 7-8 hours (with upgraded charger)
Lighting	Headlight, Turn Signals, Ambient Lights, Tail Light (8 lights total)



KuKirin G2 Master

COMPONENT UPGRADE

Old Version

New Version

Anti-Slip
Pedals



New Anti-Theft
Switch



Puncture-Proof
Tires



Smarter
Display



Faster Charger
(2A to 3A)



Improved Tools



Product	KuKirin G2 Master (Old style)	KuKirin G2 Master (The new)
Picture		
Charger output current	2A	3A
Charging time	10-11h	7-8h
Brake pads	Copper-based Brake Pads	Sintered Brake Pads

Product Net weight	33.5(+/-0.5)kg	33.1(+/-0.5)kg
Product Gross weight	39.5(+/-0.5)kg	39.2(+/-0.5)kg
Wheel Size	10 inch pneumatic tire	10 inch Tubeless tires

Figure 6: Comparison table showing component upgrades from the old version to the new Kukirin G2 Master, highlighting improvements in charger output, charging time, and brake pads.

WARRANTY AND SUPPORT

For specific warranty details and support inquiries, please refer to the documentation provided at the time of purchase or contact the retailer directly. Information regarding returns is subject to the retailer's policy.

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Related Documents - G2 Master

	Kukirin G4 Electric Scooter User Manual: Assembly, Operation, and Maintenance Comprehensive user manual for the Kukirin G4 electric scooter, covering basic information, product introduction, assembly, battery charging, usage, cleaning, maintenance, and after-sales service. Learn how to safely operate and care for your G4 scooter.
	KuKirin G2 Master Electric Scooter Operation Manual Comprehensive operation manual for the KuKirin G2 Master electric scooter, covering assembly, operation, safety guidelines, troubleshooting, maintenance, and warranty information.
	Kukirin G2 Master Electric Scooter Operation Manual Comprehensive operation manual for the Kukirin G2 Master electric scooter, covering safety precautions, assembly, usage, maintenance, troubleshooting, and warranty information.
	Kukirin G4 Electric Scooter User Manual This user manual provides comprehensive information on the function, use, and maintenance of the Kukirin G4 electric scooter, including assembly, battery charging, safety precautions, and after-sales service.
	KuKirin G2 Master Electric Scooter Operation Manual Comprehensive operation manual for the KuKirin G2 Master electric scooter, covering assembly, usage, maintenance, troubleshooting, and warranty information.
	KuKirin G2 Master Electric Scooter Operation Manual Official operation manual for the KuKirin G2 Master electric scooter, providing detailed instructions on assembly, safe operation, maintenance, troubleshooting, specifications, and warranty information.



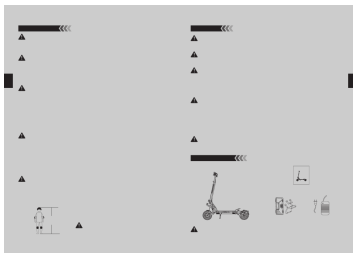
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Additional information **G2 Master** Electric Scooter Declaration The contents
concerning this declaration comply with the re...

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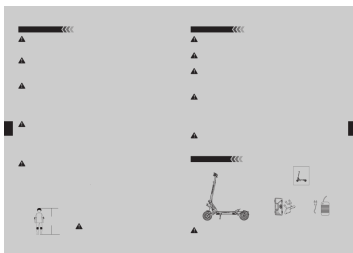
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[KuKirin G2 Master Electric Scooter User Manual](#)

Comprehensive user manual for the KuKirin G2 Master electric scooter, covering
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lang:en **score:36** filesize: 85.3 M page_count: 26 document date: 2024-07-18



[KuKirin G2 Master Electric Scooter Operation Manual](#)

Official operation manual for the KuKirin G2 Master electric scooter, providing detailed instructions on assembly, safe operation, maintenance, troubleshooting, specifications, and warranty information.

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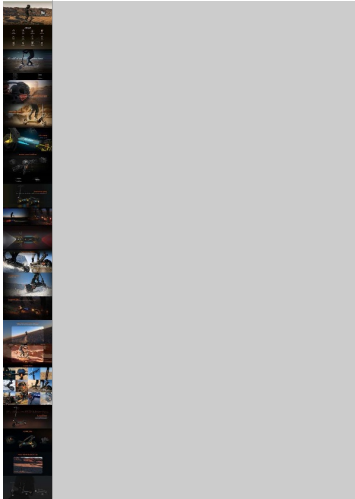
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Manufacturer: Jinhua Fein Intelligent Technology Co., Ltd.
Address: 14 Muzui South Road, Dayang Street, Wuyi County, Jinhua City, Zhejiang Province

Product: Electric scooter

Trademark: N/A

Model No.: G2Master

Test Standard: FCC Part 15 Subpart B

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Certificate Number: CCTI-2023101307C

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Manufacturer: Jinhua Fein Intelligent Technology Co., Ltd.
Address: 14 Muzui South Road, Dayang Street, Wuyi County, Jinhua City, Zhejiang Province

Product: Electric scooter

Trademark: N/A

Model No.: G2Master

Test Standard: IEC 62321-3-1:2015, IEC 62321-4:2019, AMO1:2017, IEC 62321-6:2013, IEC 62321-4:2015, IEC 62321-2-1:2015, IEC 62321-7-2:2017, IEC 62321-6:2017

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KuKirin G2 Master Electric Scooter RoHS Compliance Certificate

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