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> KUKIRIN G2 Master/G2 Electric Scooter User Manual

## Kugookirin G2 Master/G2 (800W/34Miles)

# KUKIRIN G2 Master/G2 Electric Scooter User Manual

Model: G2 Master/G2 (800W/34Miles)

## 1. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety instructions before operating the KUKIRIN G2 Master/G2 Electric Scooter. Always wear a helmet and other protective gear when riding.

- **Local Regulations:** Always comply with local laws and regulations regarding electric scooter usage.
- **Protective Gear:** Wear a helmet, knee pads, elbow pads, and appropriate footwear.
- **Braking System:** The scooter features an efficient braking system for immediate stopping. Familiarize yourself with its operation.
- **Lighting System:** A comprehensive 7-light system (1 front light, 4 turn signals, 1 tail light, 1 brake light) ensures visibility. Use lights during low-light conditions and at night.
- **Visibility:** Consider wearing reflective clothing for enhanced visibility, especially when riding at night or in low-light conditions.
- **Terrain:** It is recommended that the electric scooter be used only on flat, hardened surfaces. Avoid obstacles, loose sand, gravel, and ice. If encountering speed bumps or potholes, reduce speed (5-10 km/h) and bend your knees to absorb impact.

# PRODUCT PARAMETERS



**Figure 1.1:** The KUKIRIN G2 Master/G2's 7-light system, including a headlight, turn signals, taillight, and brake light, designed for enhanced rider safety and visibility.



**Figure 1.2:** Important precautions for safe operation, emphasizing the use of safety gear, adherence to local laws, and careful riding on varied terrains.

## 2. PRODUCT OVERVIEW

The KUKIRIN G2 Master/G2 Electric Scooter is designed for both commuting and recreational use, offering a blend of power, range, and safety features.

### Key Features:

- **Powerful Motor:** Equipped with an 800W motor for a top speed of up to 28 mph.
- **Extended Range:** Up to 34 miles on a single charge, ideal for daily commutes and longer rides.
- **Advanced Braking:** Features an efficient braking system for reliable stopping power.
- **Comprehensive Lighting:** A 7-light system for enhanced visibility and safety.
- **All-Terrain Tires:** 10-inch pneumatic off-road tires provide excellent grip and stability on various surfaces.
- **Multi-Damping System:** Effectively cushions bumps for a smoother ride on complex terrain.
- **Foldable Design:** Allows for easy storage and portability.



Figure 2.1: The KUKIRIN G2 Master/G2 Electric Scooter, showcasing its robust design and off-road capabilities.



20°  
Uphill Climb



Top Speed  
28 MPH



3  
Speed Modes

**IP54**

IP54  
Waterproof Rating

Figure 2.2: Demonstrating the scooter's powerful 800W motor, capable of reaching speeds up to 28 mph and handling inclines.

# 800W POWERFUL MOTOR



Max Speed  
**28 MPH**



Slope  
**15°-20°**

**Figure 2.3:** A detailed view of the 800W powerful motor integrated into the rear wheel, emphasizing its robust design and capability for slopes.

# MULTI DAMPING SYSTEM

Effectively cushions bumps in complex terrain

- ✓ Front wheel spring damping
- ✓ Rear wheel suspension damping
- ✓ 10" off-road shock absorbing tires



**Figure 2.4:** Illustration of the multi-damping system, featuring front wheel spring damping and rear wheel suspension damping, designed to absorb shocks on uneven terrain.

# 10-INCH OFF-ROAD VACUUM TIRES

Stab Proof



*Speed bumps*



*Forest*



*Snowfield*



*Desert*

**Figure 2.5:** The 10-inch off-road vacuum tires, designed for stab-proof performance and excellent traction across various terrains including speed bumps, forests, snowfields, and deserts.

## ***KUKIRIN G2***

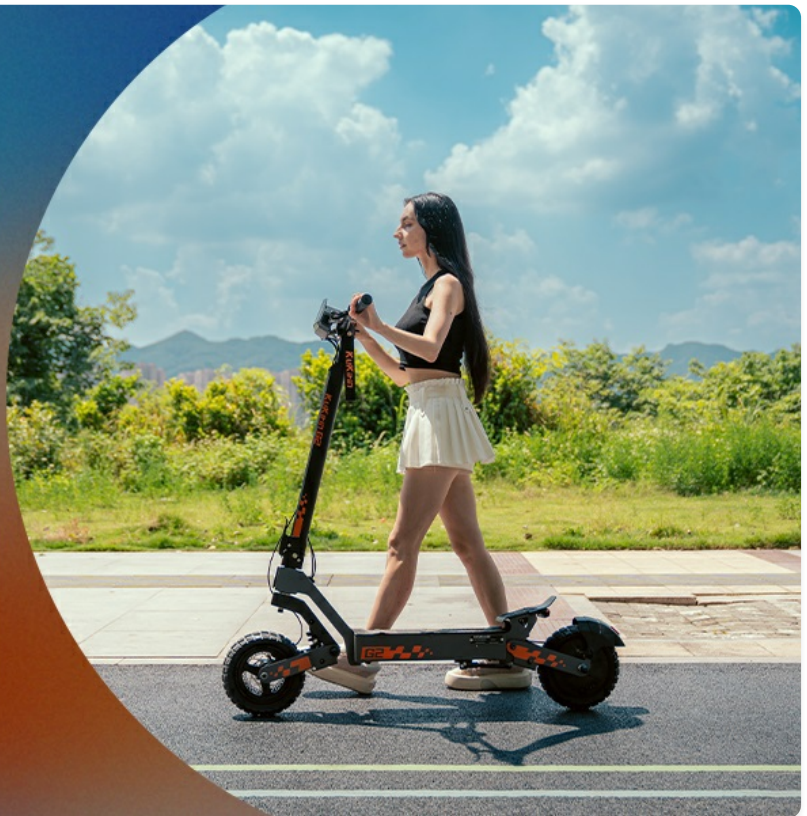
- 800W Powerful motor
- E Scooter Up To 34 Mile
- Top Speed To 28 Mph
- 3 Riding Modes



**Figure 2.6:** Dynamic image of the scooter in use, emphasizing its 800W power and performance capabilities.

## ***KUKIRIN G2***

- 800W Powerful motor
- E Scooter Up To 34 Mile
- Top Speed To 28 Mph
- 3 Riding Modes



**Figure 2.7:** Overview of the KUKIRIN G2, highlighting its 800W motor, 34-mile range, 28 mph top speed, and 3 riding modes.



**Figure 2.8:** Dimensions of the extra-long pedal (460mm x 185mm), designed for comfortable riding and ample foot space.

### 3. SETUP

Before your first ride, ensure the scooter is properly assembled and charged.

#### 3.1 Unboxing and Initial Assembly

Your KUKIRIN G2 Master/G2 Electric Scooter comes partially assembled. The package includes:

- Scooter x 1
- Charger x 1
- Manual x 1 (this document)
- Tool kit x 1
- Screws

Follow the included quick start guide for attaching the handlebars and any other components. Ensure all screws are tightened securely before use.

#### 3.2 Initial Charging

Fully charge the scooter's battery before its first use. This helps to optimize battery life and performance.

- Locate the charging port on the scooter.
- Connect the charger to the scooter, then plug the charger into a standard power outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
- Charging time is approximately 8-9 hours for a full charge.



# 48V 15AH

*High capacity Lithium Battery*

- 34miles/55km Max Range
- 8-9H Charging Time
- 264lbs Max load

PERFECT FOR  
COMMUTING AND TRIPS.

**Figure 3.1:** Details of the 48V 15AH high-capacity lithium battery, showing its maximum range of 34 miles (55km) and charging time of 8-9 hours.

## 4. OPERATING INSTRUCTIONS

Learn how to operate your KUKIRIN G2 Master/G2 Electric Scooter for a safe and enjoyable ride.

### 4.1 Powering On/Off

Press and hold the power button on the display to turn the scooter on or off.

### 4.2 Riding Modes

The scooter features 3 speed modes to suit different riding conditions and preferences. Refer to the smart touchscreen display for current speed mode and other information.

- **Mode 1:** Low speed for beginners or crowded areas.
- **Mode 2:** Medium speed for balanced performance.
- **Mode 3:** High speed for maximum performance (up to 28 mph).

Switch between modes using the designated button on the handlebar.

## 4.3 Braking

The scooter is equipped with front and rear disc brakes. Apply both brakes gently and evenly to slow down or stop. Avoid sudden braking, especially at high speeds, to prevent loss of control.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scooter.

### 5.1 Cleaning

Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water, as this can damage electronic components.

### 5.2 Tire Pressure

Regularly check the tire pressure of the 10-inch pneumatic tires. Maintain recommended pressure (typically 40-45 psi) for optimal ride quality, range, and tire life.

### 5.3 Battery Care

- Charge the battery fully after each use.
- If storing the scooter for an extended period, charge the battery to approximately 50-70% and recharge every 30-60 days to prevent deep discharge.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your KUKIRIN G2 Master/G2 Electric Scooter.

### 6.1 Scooter Not Turning On

- Check if the battery is charged.
- Ensure the power button is pressed firmly.

### 6.2 Reduced Range/Performance

- Verify tire pressure is at recommended levels.
- Ensure the battery is fully charged.
- Riding conditions (uphill, heavy load, low temperature) can affect range.

## 6.3 Unusual Noises

- Inspect wheels and brakes for any obstructions or loose parts.
- If noises persist, contact customer support.

## 7. SPECIFICATIONS

Detailed technical specifications for the KUKIRIN G2 Master/G2 Electric Scooter.

Feature	Specification
Brand	Kugookirin
Model Name	G2 max
Motor Power	800W
Max Speed	28 mph (45 km/h)
Max Range	34 miles (55 km)
Battery	48V 15AH Lithium Battery
Charging Time	8-9 hours
Max Load	264 lbs (120 kg)
Tire Type	10-inch Off-Road Vacuum Tires
Brake Style	Front and Rear Disc Brakes
Number of Wheels	2
Material	Aluminum
Special Feature	Foldable
Age Range	Adult
Product Weight	58.4 lbs (26.5 kg)



**Figure 7.1:** Product dimensions in both expanded (50"x26"x50") and folded (50"x26"x21.2") states, along with product weight and max load.



**Figure 7.2:** The foldable design of the electric scooter, demonstrating its compact size for easy storage and transport, such as in a car trunk.

## 8. WARRANTY AND SUPPORT

Your KUKIRIN G2 Master/G2 Electric Scooter comes with a manufacturer's warranty and dedicated customer support.

### 8.1 Warranty Information

The product is covered by a 180-day warranty from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

### 8.2 Returns and Refunds

A 30-day return/replacement policy is typically offered by authorized sellers. Please refer to your purchase platform's specific return policy for details.

### 8.3 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact Kugookirin Direct customer service through the platform where you purchased the scooter. Provide your model number and purchase details for faster service.