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Scoothop G2

Scoothop G2 Off-Road Electric Scooter User Manual

Model: G2

1. Important Safety Information

Before operating your Scoothop G2 electric scooter, please read this manual thoroughly and understand all safety warnings and instructions. Failure to follow these instructions may result in serious injury or property damage.

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads, gloves) when riding.
- Ensure all components are securely fastened and in good working order before each ride.
- Observe all local traffic laws and regulations regarding electric scooter usage.
- Do not ride in wet conditions, heavy rain, or through standing water. The scooter has an IP54 water resistance rating, meaning it is protected from splashing water, but not immersion.
- The maximum weight capacity for this scooter is **331 pounds (150 kg)**. Do not exceed this limit.
- This scooter is designed for adult use only.
- Avoid riding on excessively steep slopes or uneven terrain that exceeds the scooter's capabilities.
- Maintain a safe distance from other vehicles and pedestrians.



Image: A rider demonstrating safe operation of the Scoothop G2 electric scooter on an off-road path, wearing a helmet and protective gear.

2. Product Overview

The Scoothop G2 is a high-performance off-road electric scooter designed for adults, featuring an 800W brushless motor, a top speed of 28 MPH, and a range of 24-31 miles. It is equipped with 10-inch all-terrain tires, dual suspension, and a dual braking system for enhanced safety and comfort across various terrains.

2.1 Key Features

- **Powerful Motor:** 800W brushless motor for strong acceleration and hill climbing.
- **Long Range Battery:** 48V 20Ah high-capacity battery for extended rides.
- **All-Terrain Tires:** 10-inch thickened rubber tires for durability and grip.
- **Dual Suspension:** Absorbs shocks for a smoother ride on rough surfaces.
- **Dual Braking System:** Responsive braking for reliable stops.

- **Foldable Design:** Quick and easy folding for portability and storage.
- **Smart Display:** Provides essential riding information at a glance.
- **Full-Body Lighting:** Headlight, taillight, stem lights, ambient lights, and turn signals for visibility.



Image: An exploded view of the 800W brushless motor, showing its internal components and performance metrics like 85Nm torque, 330lbs max load, and 28MPH top speed.



Image: A visual representation of the 48V 13Ah battery cell, emphasizing its UL2272 certification, long battery life, 28 miles max range, and 5 hours fast charge time.



Image: The 10-inch off-road terrain tire in action on a gravel path, illustrating its ability to handle hills, slopes, grass, and tarmac.

3. Setup and Assembly

Your Scoothop G2 electric scooter comes mostly pre-assembled. Follow these steps for final setup and initial preparation.

3.1 Unboxing and Initial Inspection

1. Carefully remove the scooter and all accessories from the packaging.
2. Check for any visible damage during shipping. Contact customer support immediately if you find any issues.
3. Verify that all included components are present: scooter, charger, and user manual.

3.2 Unfolding the Scooter

The Scoothop G2 features a fast-folding design for easy transport and storage.

1. Place the scooter on a flat, stable surface.
2. Locate the folding mechanism near the base of the handlebar stem.
3. Release the locking latch and carefully lift the handlebar stem until it clicks into its upright, locked position.
4. Ensure the locking mechanism is fully engaged and secure before riding.



Image: A visual guide to the scooter's fast folding design, illustrating its compact form for storage and portability. Unfolded dimensions: 50.39"x49.61"x24.8". Folded dimensions: 50.39"x20.08"x7.87".

3.3 Initial Charging

For optimal battery life and performance, fully charge the scooter before its first use.

1. Locate the charging port on the scooter.
2. Connect the charger to the scooter's charging port, then plug the charger into a standard power outlet.
3. The charging indicator light on the charger will typically show red during charging and turn green when fully charged.
4. Charging time is approximately 5 hours for a full charge. Do not overcharge.

4. Operating Instructions

Familiarize yourself with the controls and functions before riding.

4.1 Powering On/Off

- To power on: Press and hold the power button on the display unit until the screen illuminates.
- To power off: Press and hold the power button again until the display turns off.

4.2 Smart HD Digital Display

The integrated display provides real-time information about your ride.



Image: The Smart HD Digital Display on the handlebars, indicating Riding Mode, Battery Level, Speed Indicator, Light Status, Cruise Control, and Warning Codes.

- **Riding Mode:** Indicates the current speed setting (e.g., 1st, 2nd, 3rd speed).

- **Battery Level:** Shows the remaining battery charge.
- **Speed Indicator:** Displays current riding speed.
- **Light Status:** Indicates if the lights are on or off.
- **Cruise Control:** Activates or deactivates cruise control.
- **Warning Codes:** Displays error codes if any issues are detected.

4.3 Speed Modes

The scooter offers 3 adjustable speed modes for flexible riding. Use the mode button on the handlebars to cycle through them.

- **Mode 1 (Eco):** Lower speed for energy efficiency and beginners.
- **Mode 2 (Standard):** Balanced speed for general commuting.
- **Mode 3 (Sport):** Maximum speed for experienced riders and off-road use.

4.4 Braking System

The Scoothop G2 is equipped with a responsive dual braking system for effective stopping power.

- Apply both brake levers simultaneously for optimal stopping performance.
- Practice braking in a safe, open area to get accustomed to the scooter's stopping distance.

4.5 Lighting System

The full-body lighting system ensures visibility and safety, especially in low-light conditions.



Image: An illustration of the scooter's comprehensive lighting system, highlighting the locations of the Headlight, Stem Lights, Ambient/Side Light, Taillight, and Turn Signals.

- **Headlight:** Provides illumination for the path ahead.
- **Stem Lights & Ambient/Side Lights:** Enhance side visibility.
- **Taillight:** Increases visibility from the rear.
- **Turn Signals:** Use to indicate your turning intentions.
- Activate lights using the dedicated button on the handlebars.

4.6 Power Saving Mode

The scooter features a power-saving mode that regenerates approximately 15% more energy when you brake or release the throttle, extending your range.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your Scoothop G2 electric scooter.

5.1 Battery Care

- Charge the battery regularly, even if the scooter is not in use, to maintain battery health.
- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the original charger provided with the scooter.

5.2 Tire Maintenance

The 10-inch pneumatic rubber tires require proper inflation for optimal performance and safety.

- Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI.
- Inspect tires for wear, punctures, or damage. Replace worn tires promptly.

5.3 Cleaning and Storage

- Clean the scooter with a damp cloth. Do not use high-pressure water jets or corrosive cleaners.
- Ensure the charging port cover is securely closed to prevent water ingress.
- When storing for extended periods, ensure the battery is charged to about 50-70% and recharge every 1-2 months.

6. Troubleshooting

This section addresses common issues you might encounter with your Scoothop G2 electric scooter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Faulty power button	Charge the battery; Check all visible connections; Contact support if issue persists.
Reduced range or power	Low tire pressure; Overloaded; Battery degradation; Riding uphill frequently	Inflate tires to recommended PSI; Ensure rider weight is within limits; Charge battery fully; Adjust riding style.
Brakes feel weak or spongy	Brake pads worn; Cable adjustment needed	Inspect brake pads and replace if necessary; Adjust brake cable tension; Consult a professional for complex brake issues.
Unusual noises during operation	Loose components; Debris in wheels/motor; Worn bearings	Inspect scooter for loose parts and tighten; Clear any debris; Contact support for internal component issues.

If you encounter a problem not listed here or if the suggested solutions do not resolve the issue, please contact Scoothop customer support.

7. Specifications

Detailed technical specifications for the Scoothop G2 electric scooter.

Feature	Specification
Brand	Scoothop

Feature	Specification
Model Name	G2
Motor Power	800W Brushless
Top Speed	28 MPH
Battery Capacity	48V 20Ah
Maximum Distance Range	24-31 miles
Charging Time	Approx. 5 hours
Weight Limit	331 pounds (150 kg)
Age Range (Description)	Adult
Wheel Size	10 inches
Wheel Type	Pneumatic Rubber
Suspension Type	Dual Suspension
Brake Style	Dual Brakes
Product Dimensions (Unfolded)	45"L x 6"W x 50"H
Special Feature	Foldable
Water Resistance	IP54

8. Warranty and Support

Scoothop is committed to providing high-quality products and excellent customer service.

8.1 Warranty Information

Please refer to the warranty card included with your purchase for specific warranty terms and conditions. Generally, Scoothop products are covered against manufacturing defects for a specified period from the date of purchase.

8.2 Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact Scoothop customer support. We aim to resolve your inquiries within 24 hours.

- **Email Support:** Refer to your purchase documentation or the official Scoothop website for contact details.
- **Online Resources:** Visit the Scoothop Store on Amazon for additional product information and FAQs.

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