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› TODIMART G2 Electric Scooter User Manual

TODIMART G2 (Black Red)

TODIMART G2 Electric Scooter User Manual

Model: G2 (Black Red)

1. INTRODUCTION

Thank you for choosing the TODIMART G2 Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. The TODIMART G2 is designed for adult use, featuring a powerful 500W motor, a long-range 48V 10.4Ah battery, 10-inch pneumatic all-terrain tires, and a robust dual disc braking system, supporting a maximum load of 150KG.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric scooters.
- Do not ride in adverse weather conditions (heavy rain, snow, ice) or on slippery surfaces.
- Ensure the scooter's weight limit of 150KG is not exceeded.
- Perform a pre-ride check: verify tire pressure, brake functionality, and ensure all parts are securely fastened.
- Avoid riding on steep inclines or rough terrain that exceeds the scooter's capabilities.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not allow children to operate the scooter without adult supervision.

3. PRODUCT OVERVIEW AND COMPONENTS

The TODIMART G2 Electric Scooter is engineered for performance and durability. Below is an overview of its main components:



Figure 3.1: Full view of the TODIMART G2 Electric Scooter, showcasing its robust design and all-terrain tires.

- **Handlebar Assembly:** Includes grips, brake levers, throttle, and the LCD display.
- **LCD Display:** High-definition color screen showing speed, battery level, lights status, and more.



Figure 3.2: Close-up of the scooter's high-definition LCD display, providing real-time riding data.

- **500W Brushless Motor:** Provides powerful and silent operation with a 25° climbing capacity.



Figure 3.3: Diagram illustrating the powerful 500W brushless motor, designed for efficient and robust performance.

- **10-inch Pneumatic All-Terrain Tires:** Offer excellent shock absorption and grip on various surfaces.
- **Dual Disc Brakes:** Front and rear disc brakes for reliable and responsive stopping power.
- **Rubber Shock Absorption System:** Front and rear shock absorbers to minimize bumps and enhance ride comfort.



DOUBLE SUSPENSION

Conception forgée avec précision
Minimiser les bosses

Les systèmes d'amortissement avant et arrière fournissent au conducteur un retour d'information sur la route tout en conservant confort et stabilité sur tous les terrains.

Figure 3.4: View of the scooter's dual suspension system, engineered to provide a smooth ride over varied terrain.

- **48V 10.4Ah Lithium-ion Battery:** High-capacity battery providing up to 45km range.

MOTEUR PUISSANT DE 500 W

Moteur brushless EFFICACE et ROBUSTE



Figure 3.5: Illustration of the scooter's 48V 10.4Ah lithium-ion battery, highlighting its high capacity for extended range.

- **LED Lighting System:** Includes headlight, taillight, side lights, and turn indicators for enhanced visibility.

4. SETUP

Follow these steps for initial setup:

1. **Unfold the Scooter:** Carefully release the folding mechanism and raise the stem until it locks into place. Ensure it is securely latched.
2. **Attach Handlebar:** Connect the handlebar assembly to the stem. Ensure all cables are properly routed and not pinched. Tighten any screws or clamps as per the included tools.
3. **Check Tire Pressure:** Inflate tires to the recommended pressure (refer to tire sidewall or specifications section).
4. **Initial Charge:** Fully charge the battery before first use. Connect the charger to the scooter's charging port and then to a power outlet. The indicator light on the charger will change when fully charged (typically 5-6 hours).
5. **Brake Check:** Test both front and rear brakes to ensure they engage smoothly and effectively. Adjust if necessary.

5. OPERATING INSTRUCTIONS

Learn how to operate your TODIMART G2 scooter:

1. **Power On/Off:** Press and hold the power button on the LCD display to turn the scooter on or off.
2. **Speed Modes:** The scooter features 3-speed modes. Use the mode button on the handlebar to cycle through them (e.g., Eco, Standard, Sport). The current mode will be displayed on the LCD screen.
3. **Acceleration:** Once powered on, gently push off with your foot to gain initial momentum, then press the throttle lever to accelerate.
4. **Braking:** Use the brake levers on the handlebar to slow down or stop. Apply both brakes simultaneously for optimal stopping power and control.
5. **Lights:** Press the light button on the handlebar to turn on/off the headlight, taillight, and side lights. Use the turn signal buttons for left and right indications.

- Cruise Control:** Activate cruise control by maintaining a consistent speed for a few seconds. Deactivate by applying the brake or throttle.
- LCD Display Functions:** The LCD display shows real-time speed, battery charge level, current speed mode, odometer, and trip distance.

6. BATTERY AND CHARGING

Proper battery care ensures longevity and performance:

- Battery Capacity:** The TODIMART G2 is equipped with a 48V 10.4Ah lithium-ion battery, providing an estimated range of up to 45km depending on riding conditions, terrain, and rider weight.
- Charging Time:** A full charge typically takes 5-6 hours. Avoid overcharging by disconnecting the charger once the indicator light signals a full charge.
- Charging Procedure:** Connect the charger to the scooter's charging port first, then plug it into a standard wall outlet. Ensure the charging port is clean and dry before connecting.
- USB Charging Port:** The handlebar is equipped with a USB port, allowing you to charge your mobile phone or other small devices while on the go.
- Battery Storage:** If storing the scooter for an extended period, charge the battery to approximately 50-70% and store it in a cool, dry place. Recharge every 2-3 months to prevent deep discharge.

7. MAINTENANCE

Regular maintenance will extend the life of your scooter:

- Cleaning:** Wipe the scooter with a damp cloth after each ride. Do not use high-pressure water jets or corrosive cleaners. Ensure the charging port cover is closed during cleaning.
- Tire Pressure:** Check tire pressure regularly (at least once a week) and inflate to the recommended PSI to ensure optimal ride quality and prevent punctures.
- Brake Adjustment:** Periodically check brake pads for wear and adjust brake tension as needed to maintain effective braking. If brake pads are worn, replace them.
- Fasteners:** Regularly check all screws and bolts, especially on the folding mechanism, handlebars, and wheels, to ensure they are tight.
- Storage:** Store the scooter in a dry, cool place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Common issues and their solutions:

Problem	Possible Cause	Solution
Scooter won't turn on	Low battery; Loose connection; Faulty power button	Charge battery; Check all connections; Contact support
Loss of power during ride	Low battery; Overload; Motor overheating	Recharge battery; Reduce load; Allow motor to cool down
Brakes not effective	Worn brake pads; Loose brake cable; Misaligned calipers	Replace brake pads; Adjust brake cable tension; Adjust calipers

Problem	Possible Cause	Solution
Unusual noises	Loose components; Debris in wheels; Worn bearings	Tighten fasteners; Inspect and clean wheels; Contact support
Short battery range	Under-inflated tires; Riding uphill frequently; Cold weather; Old battery	Inflate tires to correct PSI; Adjust riding style; Battery replacement may be needed

9. SPECIFICATIONS

Detailed technical specifications for the TODIMART G2 Electric Scooter:

Feature	Specification
Brand	TODIMART
Model Name	G2 (Black Red)
Motor Power	500W (Nominal), 800W (Max)
Battery	48V 10.4Ah Lithium-ion
Max Range	Up to 45km
Charging Time	5-6 hours
Max Load Capacity	150 Kilograms
Tire Size	10 Inches
Tire Type	Pneumatic
Brakes	Front and Rear Dual Disc Brakes
Suspension	Front and Rear Rubber Shock Absorption
Product Dimensions (Unfolded)	120L x 62W x 116H centimeters
Folded Dimensions	116L x 62W x 54H centimeters
Net Weight	21.7 Kilograms
Special Features	Digital Display, USB Charging Port, LED Lighting System
Included Components	Electric scooter, charger, tools, manual

10. WARRANTY AND SUPPORT

TODIMART is committed to providing excellent after-sales service. If you encounter any issues or have questions regarding your G2 Electric Scooter, please do not hesitate to contact our dedicated support team. We have warehouses in Europe to ensure fast delivery and efficient service for our customers.

For support, please refer to the contact information provided at the point of purchase or visit the official TODIMART website.

