

TODIMART D5 Pro

TODIMART D5 Pro Electric Scooter User Manual

Model: D5 Pro

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, and maintenance of your TODIMART D5 Pro Electric Scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your scooter. Keep this manual for future reference.

2. SAFETY INFORMATION

Operating an electric scooter carries inherent risks. Always prioritize safety to prevent injury or damage. Adhere to all local laws and regulations regarding electric scooter use.

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Do not ride in adverse weather conditions, such as heavy rain, snow, or icy roads.
- Avoid riding on slippery surfaces, loose gravel, or uneven terrain at high speeds.
- Maintain a safe distance from other vehicles, pedestrians, and obstacles.
- Do not exceed the maximum load capacity of 150 kg.
- Ensure both brakes are functioning correctly before each ride.
- Familiarize yourself with the scooter's controls before riding in traffic.
- The scooter has an IP55 water resistance rating, meaning it is protected against dust and low-pressure water jets. Avoid submerging the scooter or riding through deep puddles.

3. PACKAGE CONTENTS

Upon unpacking, verify that all items are present and in good condition:

- TODIMART D5 Pro Electric Scooter
- Charger
- Installation Tool
- User Manual

4. PRODUCT OVERVIEW

The TODIMART D5 Pro Electric Scooter features a robust design with advanced components for a reliable riding experience.

Key Components:

- **Handlebars:** Equipped with ergonomic grips, brake levers, and a digital display.
- **Digital Display:** Shows real-time speed, battery level, distance traveled, and allows for speed mode selection and cruise control activation.
- **Motor:** 500W brushless motor (800W peak power) for efficient propulsion.
- **Battery:** High-capacity 48V 13Ah lithium-ion battery.
- **Wheels:** 10-inch pneumatic all-terrain tires for various surfaces.
- **Suspension:** Dual front and rear shock absorbers for a comfortable ride.
- **Braking System:** Dual electronic and mechanical brakes for enhanced safety.
- **Lighting:** Powerful front LED headlight, rear flashing light, and left/right turn signals.
- **Folding Mechanism:** Two-step, three-second folding system for portability.

Puissance maximale jusqu'à **800 W**
500 W Moteur sans balais



Figure 1: Scooter dimensions and folding mechanism. The scooter measures 116cm in length, 63cm in width, and 127cm in height (unfolded). The handlebar height is adjustable from 107cm to 127cm, suitable for users between 160cm and 185cm tall.

48V 13Ah

Batterie lithium-ion haute capacité



TODIMART D6 50-55km

Les autres 30-40km



48V 13Ah
Batterie lithium-ion



50-55 km
Autonomie



Système BMS intelligent
Gestion de batterie

Figure 2: Illustration of the 500W brushless motor (800W peak) and its capability to handle inclines up to 30 degrees. The scooter supports a maximum load of 150 kg.

5. SETUP

5.1 Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Release the folding latch located near the base of the handlebar stem.
3. Carefully lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.
4. Adjust the handlebar height to your preference by loosening the quick-release clamp, extending or retracting the stem, and then securely tightening the clamp.

5.2 Initial Charging

Before first use, fully charge the scooter's battery. The charging port is typically located on the side of the deck. Connect the charger to the scooter and then to a power outlet. The indicator light on the charger will change (e.g., from red to green) when charging is complete. A full charge takes approximately 7 hours.

5.3 Pre-Ride Checks

Before each ride, perform the following checks:

- Ensure tires are properly inflated (refer to tire sidewall for recommended pressure).
- Verify that the brakes are responsive and engage effectively.
- Check that all lights (headlight, taillight, turn signals) are working.
- Confirm that the folding mechanism is securely locked.
- Inspect for any loose parts or unusual noises.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

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

6.2 Digital Display and Controls



Phare LED avant · Feu arrière · Clignotants

Figure 3: The digital display shows real-time speed, battery level, and distance. The scooter is equipped with a front LED headlight, rear light, and turn signals for visibility.

The intelligent LED display provides crucial riding information:

- **Speed:** Real-time speed indication.
- **Battery Level:** Current battery charge status.
- **Mileage:** Total distance traveled.
- **Speed Modes:** Cycle through 3 speed modes using the control buttons.
- **Cruise Control:** Activate for a consistent speed without holding the throttle.
- **Display Brightness:** Adjustable via the control panel.
- **Automatic Shutdown Time:** Configurable setting.

6.3 Riding

1. Place one foot on the deck and push off with the other foot to gain initial momentum.
2. Once moving, gently press the throttle to engage the motor.
3. Use the control buttons to select your desired speed mode. The maximum speed is limited to 25 km/h in

compliance with regulations.

4. To brake, gently squeeze the brake levers. The scooter features both electronic and mechanical brakes for effective stopping.
5. Activate the front headlight, rear light, and turn signals as needed for visibility, especially at night or in low-light conditions.



Figure 4: The 48V 13Ah lithium-ion battery provides an autonomy of 50-55 km on a single charge, managed by an intelligent BMS system.

Hauteur réglable · Pliage en deux étapes

Sécurisé et facile à transporter

Tranche de taille :
160 cm - 185 cm



Figure 5: The scooter is equipped with dual front and dual rear shock absorbers for improved ride comfort over varied terrain.

Systeme de suspension performant :

2 amortisseurs avant

2 amortisseurs arriere



Figure 6: The dual braking system combines electronic and mechanical brakes on both front and rear wheels for reliable stopping power.

FREINAGE DOUBLE AVANT/ARRIÈRE

frein électronique + frein mécanique



Figure 7: Featuring 10-inch inflatable all-terrain tires and an IP55 water resistance rating, the scooter is suitable for various road conditions including dirt paths and light wet surfaces.

7. MAINTENANCE

7.1 Battery Care

- Charge the battery regularly, even if the scooter is not in use for extended periods (at least once every 30 days).
- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

7.2 Tire Pressure

Regularly check and maintain the recommended tire pressure for optimal performance and safety. Under-inflated tires can affect range and handling.

7.3 Brake Adjustment

If the brakes feel loose or too tight, they may require adjustment. Consult a qualified technician or refer to online resources for specific adjustment procedures. Ensure both electronic and mechanical brakes are properly calibrated.

7.4 Cleaning

Clean the scooter with a damp cloth. Do not use high-pressure water jets or corrosive cleaning agents. Ensure the charging port cover is securely closed before cleaning.

7.5 General Inspection

Periodically check all screws, bolts, and connections to ensure they are tight. Inspect the frame for any signs of damage or cracks.

8. TROUBLESHOOTING

If you encounter issues with your TODIMART D5 Pro Electric Scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; loose battery connection; power button malfunction	Charge the battery; check battery connections; contact support if button is faulty.
Reduced range or power	Under-inflated tires; low battery charge; riding uphill frequently; heavy load	Inflate tires to recommended pressure; fully charge battery; adjust riding style.
Brakes feel weak or make noise	Brake pads worn; misaligned brake discs; cable tension incorrect	Inspect brake pads and discs; adjust brake cable tension; seek professional assistance if needed.
Unusual noises during operation	Loose components; motor issue; suspension issue	Check all fasteners; inspect motor area; lubricate suspension points if applicable; contact support.

For issues not listed here or if problems persist, please contact TODIMART customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	TODIMART
Model Name	D5 Pro

Feature	Specification
Motor Power	500W (Peak 800W)
Battery	48V 13Ah Lithium-ion
Max Range	50-55 Kilometers
Max Speed	25 km/h (Adjustable)
Max Load	150 Kilograms
Charging Time	7 hours
Wheel Size	10 Inches (Pneumatic)
Suspension Type	Dual (Front and Rear)
Brake Type	Electronic + Mechanical (Front and Rear)
Water Resistance	IP55
Item Weight	21.2 Kilograms
Dimensions (L x W x H)	116L x 63W x 127H Centimeters
Frame Material	Aluminum
Handlebar Type	Adjustable
Recommended Use	Commuting

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The TODIMART D5 Pro Electric Scooter comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

10.2 Spare Parts Availability

Spare parts for the TODIMART D5 Pro Electric Scooter are available for up to **5 years** from the date of purchase, ensuring long-term usability and maintenance.

10.3 Customer Support

For technical assistance, warranty claims, or inquiries regarding spare parts, please contact TODIMART customer support through the retailer where you purchased the product or visit the official TODIMART website for contact details.

