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› TANGHOMY Electric Wheelchair User Manual

TANGHOMY 0005

TANGHOMY Electric Wheelchair User Manual

Model: 0005
Brand: TANGHOMY

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use, setup, maintenance, and troubleshooting of your TANGHOMY Electric Wheelchair, Model 0005. Please read this manual thoroughly before operating the wheelchair to ensure optimal performance and safety.

Package Contents:

- One lightweight folding electric wheelchair designed for adults.
- Battery and charger.
- User Manual (this document).



Figure 1: The TANGHOMY Electric Wheelchair, Model 0005, showcasing its compact and functional design.

2. SETUP AND ASSEMBLY

Your TANGHOMY Electric Wheelchair is designed for easy setup. Follow these steps for initial assembly and preparation for use.

Unfolding the Wheelchair:

1. Place the folded wheelchair on a flat, stable surface.
2. Gently pull the armrests outwards to begin unfolding the frame.
3. Press down firmly on the seat rails until the locking mechanism engages, ensuring the wheelchair is fully open and stable.
4. Adjust the footrests to a comfortable position.



Figure 2: The 3rd generation design features, including liftable armrests, removable seat cushion, large rear wheels, storage pockets, and ergonomic armrest design, enhancing user comfort and convenience.

Battery Installation and Initial Charging:

Before first use, fully charge the battery. The wheelchair is equipped with a 12Ah battery, providing a long travel range of up to 15 miles.

- Locate the battery compartment, typically under the seat or at the rear.
- Insert the battery pack securely into its compartment.
- Connect the charger to the charging port on the joystick controller or directly to the battery if removed.
- Plug the charger into a standard electrical outlet. The charging indicator light will show the charging status.
- Charge for approximately 8 hours for a full charge.



Figure 3: Illustration of the upgraded 12Ah battery, providing an extended travel range of up to 15 miles.

15 MILES TRAVEL RANGE

Can be shifted in 5 speeds



Figure 4: Charging options for the wheelchair, including direct charging via the controller or by removing and charging the battery separately. A full charge takes approximately 8 hours.

3. OPERATING INSTRUCTIONS

The TANGHOMY Electric Wheelchair is designed for intuitive operation, providing independence and ease of movement.

Control Joystick:

The intelligent control joystick allows for 360-degree movement and precise control. It features a battery display, power on/off button, horn, speed display, speed acceleration/deceleration, sound off, and SOS functions.

CONVENIENT LIFE

Wheelchair with Breathable Seat & Say Goodbye to Sultriness

Meet Diverse Needs



Storage Bag



Folding Unlocking Buckle



Handrail Can Be Lifted



Double-Handed Brake



Thickened Breathable Cushion



360° Controllers

Comfortable Wheelchair for Long - Term Sitting

Figure 5: Detailed view of the control joystick, highlighting its various functions for intelligent control and immediate mastery of the wheelchair.

Driving the Wheelchair:

- Turn on the power using the button on the joystick.
- Gently push the joystick in the desired direction to move. The wheelchair will stop instantly when the joystick is released.
- Use the speed adjustment buttons to increase or decrease speed. The wheelchair can be shifted in 5 speeds.
- The wheelchair is designed to handle various terrains and can climb gradients up to 12 degrees.



Figure 6: The wheelchair's capability to handle uphill angles of up to 12 degrees with ease and safety, featuring anti-tilt safety wheels and a double-handed brake.



Figure 7: The 20.8-inch large size tires are adaptable to a wide range of road conditions, improving pass performance and comfort.

Usage Scenarios:

This electric wheelchair is perfect for adults needing mobility assistance at home or outdoors. It is ideal for various environments such as shopping trips, park visits, family gatherings, supermarkets, hospitals, and travel, providing independence and ease.

8 HOUR FAST CHARGING BRAKING

When the battery is out of power but you need to use the wheelchair, the battery can be taken off and charged, and the electric wheelchair will continue to use the manual wheelchair.

1  Controller direct charging

2  Remove the battery and charge



Figure 8: The wheelchair offers a 15-mile travel range, suitable for various scenarios including home, shopping malls, supermarkets, hospitals, and general travel.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your TANGHOMY Electric Wheelchair.

General Care:

- Keep the wheelchair clean by wiping it with a damp cloth. Avoid using abrasive cleaners.
- Ensure all moving parts, such as wheels and folding mechanisms, are free from debris.
- Store the wheelchair in a dry place, away from direct sunlight and extreme temperatures.

Battery Care:

- Always fully charge the battery before first use and after each use.
- Do not allow the battery to completely discharge, as this can reduce its lifespan.
- If storing the wheelchair for an extended period, charge the battery at least once a month.

Tire Maintenance:

- Regularly inspect tires for wear and tear.
- Ensure tires are properly inflated if they are pneumatic (check specifications for tire type).

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your electric wheelchair.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Wheelchair does not power on.	Battery is not charged or not properly connected.	Ensure battery is fully charged and securely connected. Check power button on joystick.
Wheelchair moves erratically or not at all.	Joystick malfunction or motor issue.	Check for any obstructions around the wheels. If issue persists, contact customer support.
Reduced travel range.	Battery not holding charge or worn out.	Ensure battery is fully charged before each use. Consider battery replacement if capacity significantly decreases over time.
Unusual noises during operation.	Loose components or debris in moving parts.	Inspect the wheelchair for any loose screws or foreign objects. Tighten as necessary. If noise continues, seek professional assistance.

6. SPECIFICATIONS

Key technical specifications for the TANGHOMY Electric Wheelchair, Model 0005.

Brand: TANGHOMY

Model Number: 0005

Product Dimensions: 41.3"D x 24.8"W x 37"H (41.3 x 24.8 x 37 inches)

Item Weight: 100 Pounds

Seat Width: 17.7 Inches

Color: Black

Battery Capacity: 12Ah (Upgraded)

Travel Range: 15+ Miles (Upgraded)

Motor Power: 250W*2 (Upgraded to 500W total)

Charging Time: Approximately 8 Hours

Uphill Angle: Up to 12 degrees

Rear Wheel Size: 20.8 inches

Front Wheel Size: 13 inches

Folded Size: 12" thick (for effortless storage)

Material: High-grade alloy



Figure 9: Detailed dimensions of the TANGHOMY Electric Wheelchair, including seat width, overall width, and folded dimensions.



Figure 10: Illustration of the upgraded 500W power motor, designed to adapt to various road conditions and ensure smooth travel.



Figure 11: The wheelchair features upgraded thicker frames, contributing to a sturdier design with improved loading weight capacity, portability, and flexibility.

7. WARRANTY AND SUPPORT

TANGHOMY stands by the quality of its products and offers comprehensive support.

Warranty Information:

We provide a warranty for our electric wheelchair. Specific warranty terms and conditions are available upon request or can be found on our official website.

Customer Support:

For any inquiries, issues, or technical support regarding your TANGHOMY Electric Wheelchair, please contact our customer service team. We are committed to helping you solve any problems within 24 hours.

Email: [Insert Customer Support Email Here]

Phone: [Insert Customer Support Phone Number Here]

Website: [Insert Official Website Here]

Additionally, please note the following:

- **Returns:** 30-day easy returns policy.
- **Shipping:** Ships from DUOSIMAOYI.

