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TIFGALOP X10

TIFGALOP X10 Electric Scooter User Manual

Brand: TIFGALOP | Model: X10

1. INTRODUCTION AND OVERVIEW

Welcome to the user manual for your TIFGALOP X10 Adult Electric Scooter. This powerful and versatile scooter is designed for urban commuting, leisure rides, and off-road adventures, offering a blend of high performance, durability, and convenience. With its 1600W motor, long-range battery, and robust construction, the X10 provides an exhilarating and reliable riding experience. Please read this manual thoroughly before operating your scooter to ensure safe and optimal performance.



Figure 1.1: The TIFGALOP X10 Electric Scooter, showcasing its robust design suitable for various terrains.

2. SAFETY GUIDELINES

Your safety is paramount. Always adhere to the following guidelines when operating the TIFGALOP X10 Electric Scooter:

- **Wear Protective Gear:** Always wear a helmet, knee pads, elbow pads, and appropriate footwear.
- **Check Local Laws:** Be aware of and comply with all local laws and regulations regarding electric scooter usage.
- **Pre-Ride Inspection:** Before each ride, check the brakes, tire pressure, and ensure all components are securely fastened.
- **Weight Limit:** Do not exceed the maximum weight limit of 380 pounds (approximately 172 kg).
- **Weather Conditions:** Avoid riding in heavy rain, snow, or icy conditions. The scooter is not waterproof.
- **Avoid Distractions:** Do not use mobile phones or other devices while riding.

- **Maintain Control:** Always keep both hands on the handlebars and maintain a safe distance from other vehicles and pedestrians.

3. PRODUCT FEATURES

The TIFGALOP X10 Electric Scooter is equipped with advanced features for superior performance and rider comfort:

3.1. High Power Motor and Performance

The X10 features a powerful 60V 1600W motor, enabling a top speed of up to 33 MPH (approximately 53 km/h) and the ability to easily climb inclines of up to 35 degrees. This motor provides robust acceleration and consistent power for various riding conditions.



Figure 3.1: Visual representation of the scooter's impressive top speed capability.

3.2. Long-Range Battery System

Equipped with a 60V25AH lithium-ion battery, the X10 can travel an impressive 80-90 km (approximately 50-56 miles) on a single charge. The battery is designed for longevity, supporting approximately 2000 charge cycles, and includes a built-in charge protection function to prevent overcharging.



Figure 3.2: The scooter's extended range, ideal for longer commutes or recreational rides.

3.3. Advanced Braking and Suspension

The X10 features a front and rear oil brake system, providing sensitive and shorter braking distances for enhanced safety. Coupled with a C-type shock absorber, the scooter delivers a comfortable and stable ride, even on uneven surfaces.



Figure 3.3: Details of the powerful motor, efficient oil brake system, and comfortable C-type shock absorption.

3.4. Durable Off-Road Tires

The 10-inch thickened tubeless off-road tires provide excellent grip and durability, making the scooter suitable for various terrains, from city streets to more challenging off-road paths.



Figure 3.4: The 10-inch thickened off-road tires designed for enhanced traction and durability.

3.5. Convenient Folding Design

The X10 features a foldable design, reducing its length to 130 cm when folded. This makes it easy to transport and store, fitting conveniently into the trunk of most cars.

SIMPLE FOLDING CAN BE PLACED IN THE TRUNK OF THE CAR TRAVEL MORE CONVENIENT TO CARRY



Figure 3.5: The scooter's simple folding mechanism allows for easy storage and transport.

3.6. Lighting and Display

The scooter is equipped with bright front lights for visibility and safety during night rides, along with cornering lamps. An intelligent instrument panel provides essential riding information at a glance, including speed, battery level, and mode selection.

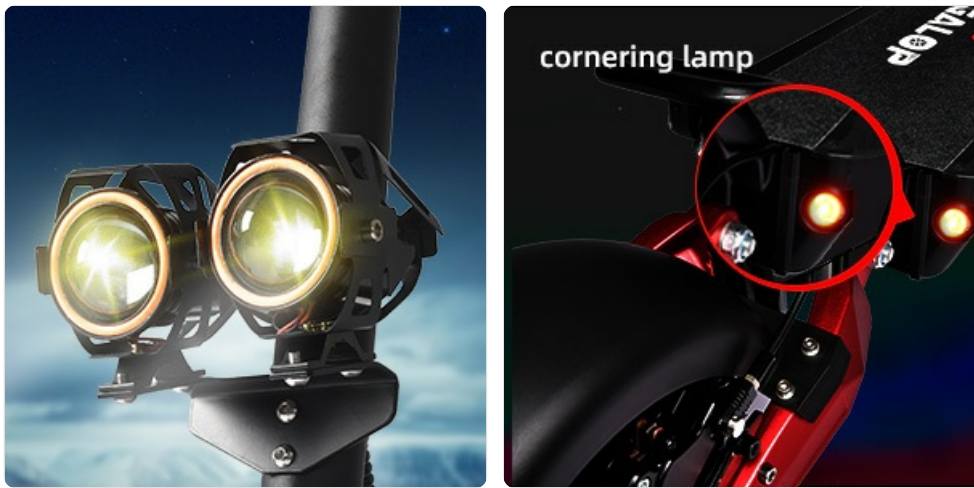


Figure 3.6: The scooter's front lights and cornering lamps for improved visibility.



Figure 3.7: The intelligent instrument panel provides key information and controls.

3.7. Product Video Overview

Watch this official product video to see the TIFGALOP X10 Electric Scooter in action, highlighting its features and performance capabilities.

Video 3.1: The TIFGALOP X10 Electric Scooter in use, demonstrating its features and off-road capabilities.

4. SETUP AND ASSEMBLY

Your TIFGALOP X10 Electric Scooter comes partially assembled. Follow these steps for initial setup:

1. **Unpacking:** Carefully remove all components from the packaging. Ensure all included items are present: X10 scooter, multifunctional tool, 2 chargers, 2 keys, and this product manual.
2. **Handlebar Attachment:** Securely attach the handlebar to the main stem. Refer to the specific instructions in the included quick start guide for detailed steps, ensuring all bolts are tightened with the provided multifunctional tool.
3. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect one of the provided chargers to the charging port and plug it into a standard power outlet. The indicator light on the charger will change when charging is complete.

4. **Tire Pressure Check:** Verify that the 10-inch tubeless off-road tires are inflated to the recommended pressure (refer to the tire sidewall for specifications).
5. **Brake Adjustment:** Test the front and rear oil brakes to ensure they are responsive and provide adequate stopping power. Adjust if necessary.

5. OPERATING INSTRUCTIONS

Operating your TIFGALOP X10 Electric Scooter is straightforward. Familiarize yourself with the controls and functions:

- **Power On/Off:** Use the power button on the intelligent instrument panel to turn the scooter on or off.
- **Display Information:** The instrument panel displays current speed, battery level, and riding mode.
- **Speed Modes:** The scooter typically offers multiple speed modes (e.g., Eco, Standard, Sport). Use the mode button to cycle through them based on your riding environment and desired performance.
- **Acceleration:** Use the throttle to control your speed. Apply it smoothly to avoid sudden jerks.
- **Braking:** Use the brake levers on the handlebars to engage the front and rear oil brakes. Apply both brakes simultaneously for effective and balanced stopping.
- **Folding Mechanism:** To fold the scooter for storage or transport, locate the folding latch on the stem. Follow the specific folding instructions provided in the quick start guide to safely collapse the scooter.
- **Lighting:** Activate the front lights and cornering lamps for improved visibility, especially during low-light conditions.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your TIFGALOP X10 Electric Scooter:

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery. Store the scooter in a cool, dry place when not in use for extended periods.
- **Tire Maintenance:** Periodically check tire pressure and inspect for any signs of wear or damage. Maintain proper inflation for efficient riding and tire longevity.
- **Brake System:** Regularly inspect the oil brake system for proper function. Check brake pads for wear and replace them if necessary. Ensure brake levers are responsive.
- **Cleaning:** Clean the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals, which can damage electronic components.
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight. Loose fasteners can affect stability and safety.
- **Shock Absorbers:** Inspect the C-type shock absorbers for any signs of damage or reduced effectiveness.

7. TROUBLESHOOTING

If you encounter issues with your TIFGALOP X10 Electric Scooter, consider these common troubleshooting steps:

- **Scooter Not Turning On:** Ensure the battery is charged. Check all cable connections for looseness.
- **Reduced Range/Power:** This may indicate a low battery charge or a battery nearing the end of its lifespan. Ensure the battery is fully charged before each ride.
- **Brakes Not Responsive:** Check brake cable tension and brake pad wear. Adjust or replace components as needed.
- **Unusual Noises:** Inspect for loose parts, debris in the wheels, or issues with the motor or suspension.

For persistent issues or complex repairs, please contact TIFGALOP customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	TIFGALOP
Model Name	X10
Motor Power	1600W
Maximum Speed	33 MPH (53 km/h)
Maximum Distance Range	80-90 KM (50-56 miles)
Battery	60V25AH Lithium-ion
Charging Time	8 Hours
Weight Limit	380 Pounds (172 kg)
Item Weight	33 Kilograms
Wheel Size	10 Inches
Wheel Type	Pneumatic, Tubeless Off-Road
Brake Style	Front Braking, Rear Braking (Oil Brake System)
Suspension Type	Dual Suspension (C-type shock absorber)
Frame Material	Alloy Steel
Folded Length	130 cm (approx. 51 inches)
Included Components	Multifunctional tool, X10 scooter, Product manual, 2 Chargers, 2 Keys

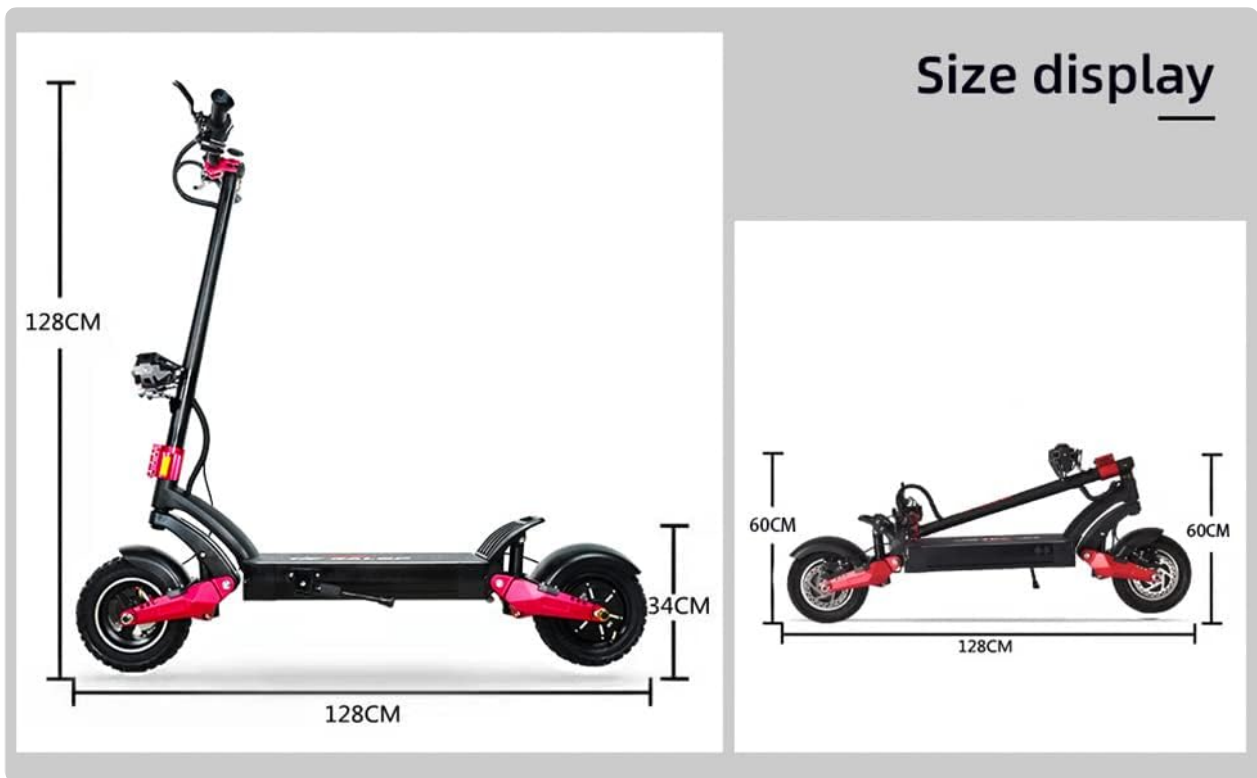


Figure 8.1: Size display of the TIFGALOP X10 Electric Scooter, showing both unfolded and folded dimensions.

9. WARRANTY AND SUPPORT

TIFGALOP is committed to providing excellent customer service and product support:

- **Product Warranty:** The TIFGALOP X10 Electric Scooter comes with a 180-day warranty for product quality issues.
- **Parts Replacement:** Free parts replacement is offered for issues covered under warranty.
- **Manufacturer Warranty:** A 2-year manufacturer warranty is provided.
- **Technical Support:** Professional technicians are available to provide after-sales service and technical maintenance support within 24 hours.
- **Parts Ordering:** TIFGALOP provides ordering services for complete vehicle accessories to assist with long-term maintenance.

For any inquiries or support needs, please refer to the contact information provided with your purchase or visit the official TIFGALOP website.