

TopMate ES11

TopMate ES11 3-Wheel Mobility Tricycle User Manual

Model: ES11

Brand: TopMate

1. SAFETY INFORMATION

Please read this manual carefully before operating your TopMate ES11 mobility tricycle. Failure to follow instructions and safety warnings may result in injury or damage to the product.

- Always wear appropriate safety gear, including a helmet, when operating the tricycle.
- Ensure all components are securely fastened before each use.
- Do not operate the tricycle under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Avoid riding in heavy rain, snow, or icy conditions.
- Do not exceed the maximum load capacity of 136 kg.
- Keep hands and feet away from moving parts.

2. PRODUCT OVERVIEW

The TopMate ES11 is a versatile 3-wheel electric mobility tricycle designed for adults and seniors, offering convenience, comfort, and portability. It features a lightweight, foldable design, powerful dual motors, and a removable battery for extended range.



Figure 2.1: TopMate ES11 Mobility Tricycle in its operational state.

Key Features:

- **One-Click Folding System:** For easy storage and transport.
- **Dual Powerful Motors:** Provides strong acceleration and climbing ability.
- **Removable Lithium-Ion Battery:** Offers convenient charging and a range of 26-32 km.
- **Multiple Speed Modes:** Including a dedicated 1.6 km/h Shopping Mode and 3 adjustable speeds (5/11/24 km/h).
- **Ergonomic Seat:** Designed for comfort during long rides.
- **Removable Basket:** For carrying personal items or groceries.

3. SETUP AND ASSEMBLY

3.1 Unpacking

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present. Retain packaging for future storage or transport.

3.2 Unfolding the Tricycle

The ES11 features a quick one-step folding mechanism. To unfold, release the locking mechanism and extend the frame until it clicks into place. Ensure all locking pins are engaged for safe operation.



Figure 3.1: The ES11 tricycle can be easily unfolded and stored in a car trunk.



Figure 3.2: Detailed view of the tricycle's folding mechanism.

3.3 Battery Installation

The ES11 comes with a removable 48V 10.4Ah lithium-ion battery. To install, slide the battery into its designated compartment located under the seat until it locks securely. Ensure the battery is fully charged before first use.



BATTERIE AU LITHIUM AMOVIBLE

Deux méthodes de charge, longue durée de vie de la batterie et plus durable



Capacité de la batterie
48V10.4Ah



Batterie Rango
26-32km



2A
Chargeur



Temps de charge
5-6 heures

Figure 3.3: The removable battery offers flexible charging options.

3.4 Basket Attachment

The removable basket can be attached to the front of the tricycle for carrying personal items. Align the basket's hooks with the mounting points on the handlebars and secure it firmly.



Figure 3.4: The large capacity removable basket is convenient for shopping.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Insert the key into the ignition and turn it to the 'ON' position to power on the tricycle. The display will illuminate. To power off, turn the key to the 'OFF' position and remove it.

4.2 Speed Modes

The ES11 offers multiple speed settings to suit various riding conditions:

- **Shopping Mode:** A gentle speed of 1.6 km/h, ideal for crowded areas like stores or sidewalks.
- **Adjustable Speeds:** Three additional speeds are available: 5 km/h, 11 km/h, and 24 km/h. Use the control panel to switch between these modes.

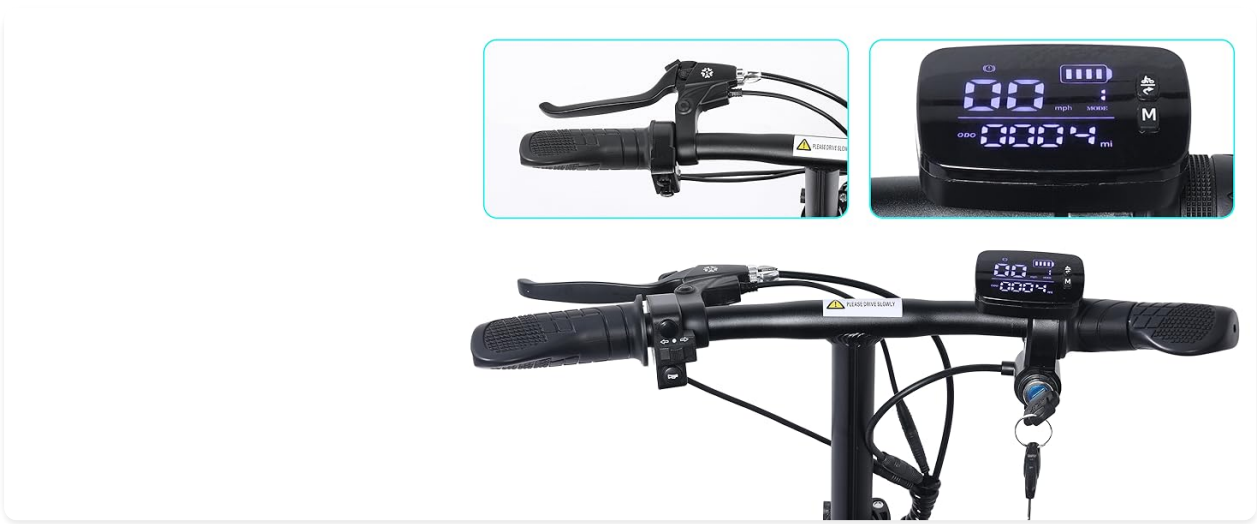


Figure 4.1: The intuitive control panel allows for easy speed adjustment.

4.3 Throttle and Brakes

Use the throttle on the right handlebar to accelerate. Apply the brake levers on both handlebars to slow down or stop. The ES11 is equipped with a dual drum brake system for reliable stopping power.

4.4 Reverse Function

A dedicated reverse button (3 km/h) is located on the control panel for easy maneuvering in tight spaces.

4.5 Riding Tips

- Start in a low-speed mode until you are comfortable with the tricycle's operation.
- Maintain a safe distance from other vehicles and pedestrians.
- Be aware of your surroundings and potential hazards.
- The dual motors provide excellent power for inclines up to 15 degrees.

PNEU DE ROUTE DE 10 POUCES

Modèle résistant à l'usure et antidérapant
Améliore efficacement l'adhérence du
pneu, compatible avec une variété de
conditions routières



Figure 4.2: The ES11 is powered by two 48V 350W motors, providing a maximum speed of 24 km/h and 24 Nm torque.

Video 4.3: This video demonstrates key features including battery removal, cruise mode, dual motor operation, basket usage, reverse function, and the folding mechanism of the TopMate ES11 tricycle.

5. BATTERY INFORMATION

5.1 Charging the Battery

The 48V 10.4Ah lithium-ion battery can be charged while installed on the tricycle or removed. Connect the charger to the battery's charging port and then plug it into a standard wall outlet. The charging indicator on the charger will show the charging status. A full charge typically takes 5-6 hours.

5.2 Battery Care

- Avoid completely draining the battery before recharging.
- Store the battery in a cool, dry place when not in use.

- If storing for an extended period, charge the battery to approximately 50-70% every 2-3 months.
- Use only the official TopMate charger provided with your tricycle.



Figure 5.1: The 48V 10.4Ah removable battery provides a range of 26-32 km.

6. MAINTENANCE

6.1 Cleaning

Wipe down the tricycle with a damp cloth after use. Avoid using high-pressure water jets or harsh chemicals, which can damage electronic components.

6.2 Tire Care

Regularly check the tire pressure and inflate to the recommended PSI (refer to the tire sidewall for details). Inspect tires for wear and tear, and replace them if necessary. The 10-inch tires are designed for various road conditions.

TROIS NIVEAUX DE VITESSE RÉGLABLES

Commutation de vitesse
(5-11-24Km/h)

Mode croisière



Ajustez à votre vitesse confortable

Mode croisière : le scooter maintient
une vitesse constante de 2 km/h



PANIER AMOVIBLE DE GRANDE CAPACITÉ

Double usage, peut être porté
à la main



Figure 6.1: The 10-inch tires provide excellent grip on diverse surfaces.

6.3 Storage

When not in use, store the folded tricycle in a dry, sheltered location to protect it from elements and extreme temperatures.

7. TROUBLESHOOTING

If you encounter any issues with your TopMate ES11, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Tricycle does not power on	Battery not installed correctly; Battery discharged; Key not fully turned.	Ensure battery is securely locked; Charge the battery; Turn key fully to 'ON' position.
Loss of power during ride	Low battery charge; Overload.	Recharge the battery; Reduce load on the tricycle.

Problem	Possible Cause	Solution
Brakes feel loose	Brake cable adjustment needed.	Adjust brake cable tension (consult a professional if unsure).
Unusual noises	Loose components; Foreign object.	Inspect for loose screws or parts and tighten; Check for any obstructions.

If the issue persists after attempting these solutions, please contact TopMate customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	TopMate
Model Name	ES11
Color	Black
Material	Aluminum
Wheel Size	10 Inches
Brake Type	Dual Drum Brake
Motor Power	2 x 350W (700W total)
Max Speed	24 km/h
Torque	24 Nm
Climbing Angle	Up to 15°
Battery	48V 10.4Ah Lithium-Ion (Removable)
Range per Charge	26-32 km
Charging Time	5-6 hours
Max Load Capacity	136 kg
Included Components	Bicycle Basket

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The TopMate ES11 Mobility Tricycle comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact TopMate customer support through the retailer where you purchased the product or visit the official TopMate website for contact details.

Please have your model number (ES11) and purchase date ready when contacting support.