TopMate ES32

TopMate ES32 Electric Scooter User Manual

Model: ES32

1. Introduction

The TopMate ES32 Electric Scooter is a versatile and lightweight three-wheel trike designed for adults, offering ease of use for commuting and travel. Featuring 10-inch pneumatic tires, a comfortable seat, and a foldable design, it provides a stable and convenient riding experience. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your ES32 electric scooter.
Key features include a reverse function, a physical key switch for battery control, and an upgraded LED display for clear information. Its compact size when folded makes it ideal for storage and transport.

2. Setup and Initial Assembly

The TopMate ES32 electric scooter is designed for minimal assembly and can typically be ridden immediately upon receipt. However, some initial setup steps are recommended to ensure optimal performance and safety.

2.1 Unboxing and Inspection

Carefully remove the scooter from its packaging. Inspect all components for any signs of damage during transit. Ensure all parts listed in the packing list are present.



Figure 2.1: TopMate ES32 Electric Scooter as received in its packaging.

2.2 Seat Installation (if required)

While the scooter is largely pre-assembled, some users may need to install or adjust the seat. Ensure the two metal squares that secure the seat to the frame are correctly oriented. The square with the larger hole should be on the bottom, and the top one should have threads for the screws. Securely fasten the seat using the provided hex screws.

2.3 Handlebar Adjustment

Adjust the handlebar to a comfortable height and ensure it is securely tightened. The throttle unit, LCD screen, and key switch are integrated with the handlebar. If necessary, the throttle unit can be moved to the left handle by loosening the hex screw, though the screen and key will appear upside down.

2.4 Folding and Unfolding

The ES32 features a foldable design for easy transport and storage. To fold, lift the seat up, then lower it down. Merge the scooter bodies together until they lock. Push the front folding switch and rotate the front section to the other side synchronously. To unfold, reverse these steps, ensuring all locking mechanisms are engaged before riding.



Figure 2.2: Step-by-step guide for folding the TopMate ES32 Electric Scooter.

For a visual guide on the portability of the scooter, refer to the video below:

Your browser does not support the video tag.

Video 2.1: Demonstration of the TopMate ES32 Portable Electric Scooter's folding and portability features.

3. Operating Instructions

Familiarize yourself with the controls and operating modes before riding your TopMate ES32 scooter.

3.1 Power On/Off and Key Switch

To power on the scooter, insert the key into the key switch and turn it to the 'On' position. The scooter can be physically

turned off using this key switch, which also controls the battery power.

3.2 Speed Adjustment

The ES32 offers three adjustable speed gears:

- **First Gear:** Up to 3 mph (5 km/h) - Ideal for low-speed maneuvers and turning.
- **Second Gear:** Up to 7 mph (11 km/h) - Suitable for daily riding.
- **Third Gear:** Up to 15 mph (24 km/h) - For high-speed travel.

Adjust the speed freely using the gear switch on the handlebar. The upgraded LED display provides clear information on speed, mileage, and power levels.



Figure 3.1: Handlebar controls with speed display and gear adjustment switch.

3.3 Reverse Function

The ES32 electric tricycle includes a convenient reversing function. You can control both forward and reverse movement using a dedicated button switch. The reverse gear speed is up to 3 mph (4.8 km/h).

3.4 Riding Comfort and Safety

The scooter is equipped with a soft cushion seat and shock absorbers to enhance riding comfort. For safety, especially when turning, it is recommended to reduce your speed to 3 mph (5 km/h) or below. Basic balancing capabilities are required to operate this electric scooter. Always consider your physical condition, height, and weight in relation to the scooter's parameters before riding.

Your browser does not support the video tag.

Video 3.1: Overview of the TopMate ES32 Electric Scooter's features and operation, including riding comfort.

4. Maintenance

Regular maintenance ensures the longevity and safe operation of your TopMate ES32 scooter.

4.1 Battery Charging

The scooter is powered by a built-in 18650 power lithium battery (270Wh) that has passed UN38.3 certification. A full charge typically takes 3-4 hours and provides an endurance distance of 25-30 km (15.53-18.64 miles). Always use the original charger provided. Do not touch the charging port with your finger or metal objects. Keep the charging port dry. Insert the charger into the charging port and then connect to power.



Figure 4.1: Location of the charging port and internal lithium polymer battery.

4.2 Tire Care

The ES32 features upgraded 10-inch pneumatic tires. Regularly check tire pressure and inflate to the recommended levels to ensure optimal performance and ride comfort. Inspect tires for any signs of wear or damage.

4.3 General Cleaning and Storage

Keep the scooter clean by wiping it with a damp cloth. Avoid using harsh chemicals. When not in use, store the scooter in a dry, cool place, away from direct sunlight and extreme temperatures. The foldable design allows for convenient storage in garages or car trunks.

5. Troubleshooting

If you encounter issues with your TopMate ES32 scooter, refer to the following common troubleshooting tips:

- **Scooter does not power on:** Ensure the key is fully inserted and turned to the 'On' position. Check the battery charge level. If the battery is low, connect the charger and allow it to charge fully.
- **Scooter does not move:** Verify that the scooter is powered on and the battery has sufficient charge. Check the speed gear setting. Ensure no physical obstructions are preventing wheel movement.
- **Reduced range or power:** This may indicate a low battery charge or a battery that is nearing the end of its lifespan. Ensure the battery is fully charged before each ride. Road conditions and driving speed can affect endurance distance.
- **Unusual noises or vibrations:** Stop riding immediately. Inspect all visible components, including wheels, frame, and handlebars, for loose parts or damage. Contact customer support if the issue persists.
- **Charging issues:** Ensure the charger is properly connected to both the scooter and a working power outlet. Check the charger's indicator light (if available) for charging status.

For persistent issues not resolved by these steps, please contact TopMate customer support.

6. Specifications

Feature	Detail
Model Name	ES32
Item Package Dimensions (L x W x H)	36.9 x 23.1 x 19.3 inches
Package Weight	21.68 Kilograms
Item Dimensions (L x W x H)	36.3 x 19.83 x 38.97 inches
Item Weight	35 Pounds
Brand Name	TopMate
Color	Gray
Material	Aluminum
Suggested Users	unisex-adult
Part Number	ES32-US
Style	Modern
Included Components	Electric Bike
Size	50*20.5*42"
Battery Type	18650 Power Lithium Battery, 270Wh
Charging Duration	3-4 hours
Endurance Distance	25-30 km (15.53-18.64 miles)

Feature	Detail
Max Speed	15 mph (24 km/h)
Reverse Speed	3 mph (4.8 km/h)
Max Load	100KG (220.5lb)
Tire Size	10 inches (pneumatic)
Safety Certification	UL2272 standard test



Figure 6.1: Key dimensions and weight specifications of the TopMate ES32 Electric Scooter.

7. Warranty and Support

The TopMate ES32 Electric Scooter comes with a**1-Year Warranty** from the manufacturer. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or any questions regarding your scooter, please contact TopMate customer service through the retailer where you purchased the product or visit the official TopMate store online. Please have your model number (ES32) and purchase information ready when contacting support.
For additional information and resources, you may visit theTopMate Store.

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