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Segway E2

Segway Ninebot E2 Electric KickScooter User Manual

Model: E2 | Brand: Segway

1. Introduction

This manual provides essential information for the safe operation and maintenance of your Segway Ninebot E2 Electric KickScooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.

Key Features:

- Large Dashboard: Enjoy a clear view of speed & battery info with a 183% larger display, reducing distractions during rides.
- Powerful 250W Motor: With a maximum 450W output, the E2 offers a 15.5 mi range, reaching speeds of 12.4 MPH. It's IPX4 water-resistant and supports up to 198lbs.
- Comfortable Design: Experience a smooth ride with 8.1-inch shock-absorbing tires, Electronic plus Drum Brake system, low gravity center, and rear brake light for added safety.
- Reliable & Durable: Constructed with an automotive-grade steel frame, the E2 has undergone a rigorous 3000km road test, ensuring durability and reliability.
- Surfing Style: Make a statement with the E2's surfing-inspired design, featuring sleek curves and vibrant colors that set you apart on the road.
- Safety Certification: Rest assured knowing the E2 is certified to ANSI/CAN/UL-2272 standards by TUV Rheinland, meeting stringent safety requirements.

2. Safety Guidelines

Always prioritize safety when operating your KickScooter. Failure to follow safety instructions can result in serious injury or property damage.

General Safety:

- Always wear a helmet and other protective gear (knee pads, elbow pads).
- Do not ride in the rain or through puddles. The KickScooter has IPX4 water resistance for the body and IPX6 for the battery, but prolonged exposure to water should be avoided.

- Ensure all screws and quick releases are properly tightened before each ride.
- Adhere to local laws and regulations regarding electric scooter usage.
- Do not allow children under the age of 14 to operate the KickScooter.
- Maximum weight limit: 198.4 lbs (90 kg).

Riding Precautions:

- Maintain a safe distance from other riders and obstacles.
- Avoid sudden turns or maneuvers at high speeds.
- Be aware of your surroundings, especially pedestrians and vehicles.
- Do not ride under the influence of alcohol or drugs.
- Use the front and rear lights for visibility, especially during low-light conditions.

3. Product Overview

Familiarize yourself with the components of your Segway Ninebot E2 KickScooter.



Figure 3.1: Full view of the Segway Ninebot E2 Electric KickScooter.



Figure 3.2: Close-up of the handlebar and large LED dashboard, showing controls and display.



Figure 3.3: Rear view of the KickScooter, highlighting the rear brake light for enhanced visibility.



Figure 3.4: Illustration of the integrated front light and rear brake light system.

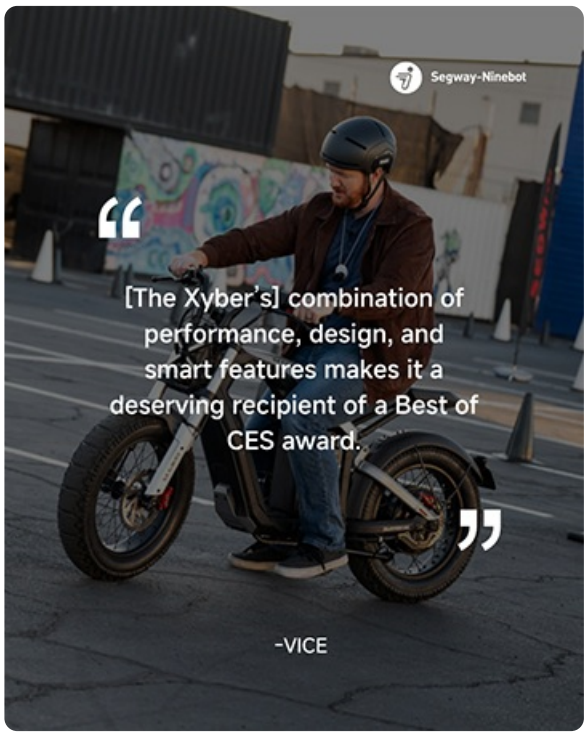


Figure 3.5: Cross-section view of the maintenance-free 8.1-inch inner hollow tires, designed for puncture resistance and shock absorption.

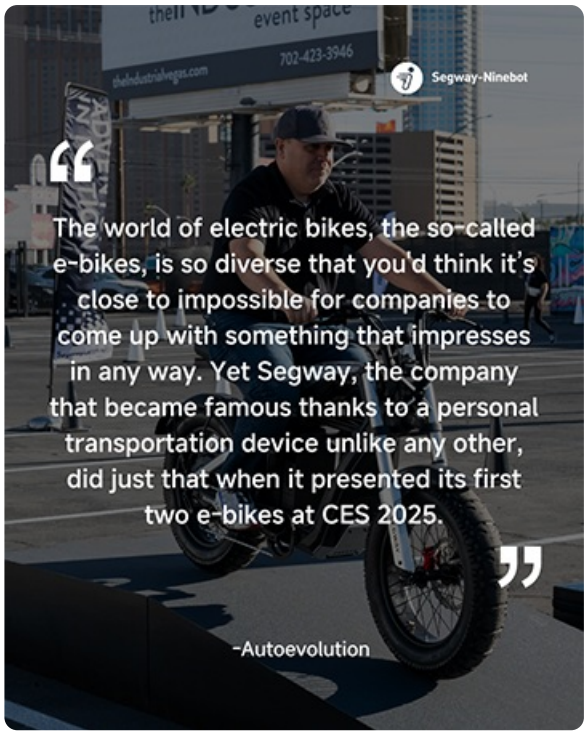


Figure 3.6: Water resistance ratings: IPX4 for the KickScooter body and IPX6 for the battery pack, indicating protection against splashes and strong water jets respectively.



Figure 3.7: Illustration of the intelligent Battery Management System (BMS) for optimized battery performance and safety.



Figure 3.8: The KickScooter's foldable design allows for easy storage and transport, fitting conveniently into a car trunk.



Figure 3.9: Product label displaying model number (051401U), serial number (N2SUA2312P0313), power specifications, and UL-2272 certification.

Official Product Video:

▶ **Watch video online**

Segway Ninbot E2 Series KickScooter tutorial

Video 3.1: Segway Ninebot E2 Series KickScooter tutorial. This video provides a comprehensive guide to the features and basic operation of the scooter.

4. Setup

Unboxing and Initial Assembly:

1. Carefully remove the KickScooter and all accessories from the packaging.
2. Unfold the stem until it locks securely into place. Ensure the folding mechanism is fully engaged.
3. Attach the handlebars to the stem, ensuring all cables are properly connected and not pinched. Tighten any screws as instructed in the quick start guide (refer to included accessory box).

Initial Charging:

- Before first use, fully charge the KickScooter. The charging port is located on the front stem, near the base.
- Connect the charger to the charging port, then plug the charger into a power outlet.
- The charging indicator light on the charger will change (e.g., red to green) when charging is complete. Charging time is approximately 7.5 hours.
- Always ensure the charging port cover is securely closed after charging to prevent dust and water ingress.

5. Operating Instructions

Power On/Off:

- To power on: Press the power button on the dashboard.
- To power off: Press and hold the power button for a few seconds until the display turns off.

Riding Modes:

The E2 KickScooter supports four riding modes, selectable via the dashboard button:

- **Energy-saving Mode (9.3 mph / 15 km/h):** Ideal for maximizing range.
- **Standard Mode (12.4 mph / 20 km/h):** Balanced performance for daily commutes.
- **Sport Mode (12.4 mph / 20 km/h):** Provides maximum acceleration and speed.
- **Walk Mode (3.1 mph / 5 km/h):** For easy maneuvering when walking alongside the scooter.

Braking System:

The E2 features an Electronic + Drum Brake system for reliable stopping power.

- Apply the hand brake lever to engage both electronic and drum brakes.
- The rear brake light will flash when braking, increasing visibility to others.



Figure 5.1: Detailed view of the Electronic + Drum Brake system for efficient and safe stopping.

Dashboard and App Connectivity:

- The large 2.8-inch LED dashboard displays speed, battery level, and riding mode.
- Connect your KickScooter to the Segway-Ninebot app via Bluetooth for additional features, including riding status, firmware updates, locking/unlocking the scooter, personalized settings, and tutorials.

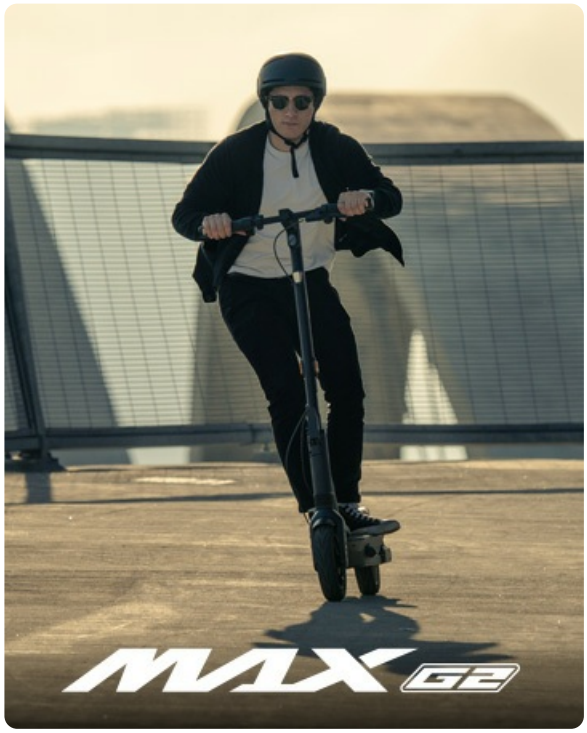


Figure 5.2: The Segway-Ninebot app provides comprehensive control and monitoring features for your KickScooter.

6. Maintenance

Tire Care:

- The E2 features 8.1-inch inner hollow tires that are maintenance-free and puncture-proof. Regular inflation is not required.
- Periodically inspect tires for any signs of damage or excessive wear.

Cleaning and Storage:

- Clean the KickScooter with a soft, damp cloth. Do not use high-pressure water jets or abrasive cleaners.
- Store the KickScooter in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, ensure the battery is charged to approximately 50-70% to prolong its lifespan.

General Inspection:

- Regularly check all bolts and fasteners for tightness.
- Inspect brake components for wear and proper function.

7. Troubleshooting

If you encounter issues with your KickScooter, refer to the following common troubleshooting steps. For more detailed assistance, consult the Segway-Ninebot app or contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Power button not pressed correctly	Charge the battery; Press and hold the power button firmly.
Reduced range or speed	Low battery; Heavy load; Steep incline; Low ambient temperature	Fully charge battery; Reduce load; Avoid steep inclines; Ride in moderate temperatures.
Brakes not responding effectively	Brake lever adjustment needed; Worn brake components	Adjust brake lever tension; Inspect and replace worn brake parts if necessary.
Unusual noises during operation	Loose components; Debris in wheels/motor	Check all fasteners; Inspect wheels and motor for foreign objects.

8. Specifications

Feature	Detail
Brand	Segway
Model Name	Segway Ninebot E2 Electric KickScooter.
Color	Black & Grey
Age Range (Description)	Adult

Feature	Detail
Special Feature	Cruise Mode, Surfing Style Design, Large-sized Dashboard, Battery Management System, Foldable
Weight Limit	198.4 Pounds
Product Dimensions	42.1"L x 17.5"W x 44.9"H
Number of Wheels	2
Wheel Material	Rubber
Frame Material	automotive grade SPFH590 steel
Item Weight	29.8 Pounds
Handlebar Type	Adjustable
Handle Height	42.1 Inches
Wheel Size	8.1 Inches
Wheel Type	Solid
Suspension Type	Rigid
Brake Style	Electronic + Drum Brake
Charging Time	7.5 Hours
Recommended Uses For Product	outdoor, Commuting
Maximum Distance Range	15.5 Miles
Manufacturer	Ninebot (Changzhou) Tech Co., Ltd
UPC	841450001144
Safety Certification	ANSI/CAN/UL-2272 Certified by TUV Rheinland

9. Warranty and Support

Warranty Information:

The Segway Ninebot E2 Electric KickScooter comes with a 2-year limited warranty. Please refer to the warranty manual included in your product packaging for full details and terms.

Customer Support:

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please visit the official Segway website or contact their customer service department. You can also find additional resources and tutorials within the Segway-Ninebot mobile application.

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Details

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