

## Segway E2 Plus

# Segway Ninebot E2 Plus Electric KickScooter Instruction Manual

Model: E2 Plus

## 1. INTRODUCTION

Welcome to the Segway Ninebot E2 Plus Electric KickScooter instruction manual. This document provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric kickscooter. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience.

The Segway Ninebot E2 Plus is designed for personal transportation, offering a blend of performance, durability, and user-friendly features. It is equipped with a 300W brushless motor, providing a range of up to 15.5 miles and a top speed of 15.5 MPH. Key features include 8.1-inch shock-absorbing tires, an electronic drum brake system, and UL-2272 certification for safety.



Image: Two individuals riding Segway Ninebot E2 Plus KickScooters, demonstrating typical usage.

## 2. SAFETY GUIDELINES

Operating an electric kickscooter carries inherent risks. Adherence to safety guidelines is crucial to prevent accidents and injuries. Always prioritize your safety and the safety of others.

## 2.1 General Safety Precautions

- Always wear a helmet and other protective gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric kickscooter usage.
- Do not ride under the influence of alcohol or drugs.
- Maintain a safe speed and distance from pedestrians and other vehicles.
- Avoid riding in adverse weather conditions (rain, snow, ice) or on slippery surfaces.
- Ensure the kickscooter is in good working condition before each ride.
- The maximum weight limit for the rider is 198.4 pounds (90 kg).

## 2.2 UL-2272 Certification

The Segway Ninebot E2 Plus meets ANSI/CAN/UL-2272 safety standards, ensuring top-tier protection and reliability for worry-free riding. This certification confirms the electrical system's safety.

## 3. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition. If any components are missing or damaged, contact customer support.

- Segway Ninebot E2 Plus Electric KickScooter
- Power Charger
- Accessory Box (includes user manual, quick start guide, screws, hex wrench)

## 4. ASSEMBLY AND INITIAL SETUP

The Segway Ninebot E2 Plus requires minimal assembly. Follow these steps to prepare your kickscooter for its first use.

### 4.1 Unfolding the KickScooter

1. Place the kickscooter on a flat surface.
2. Lift the stem until it locks into place with an audible click.
3. Ensure the folding mechanism is securely latched.

### 4.2 Attaching the Handlebar

1. Connect the control cable from the stem to the handlebar.
2. Align the handlebar with the stem and slide it on.
3. Secure the handlebar using the provided screws and hex wrench. Ensure all screws are tightened firmly.



Image: The Segway Ninebot E2 Plus KickScooter fully assembled, ready for use.

### **4.3 Initial Charge**

Before first use, fully charge the kickscooter's battery. Refer to the 'Charging' section for detailed instructions.

### **4.4 App Connection**

Download the Segway-Ninebot app from your device's app store. Follow the in-app instructions to pair your kickscooter via Bluetooth. The app allows for firmware updates, personalized settings, riding status monitoring, and access to tutorials.

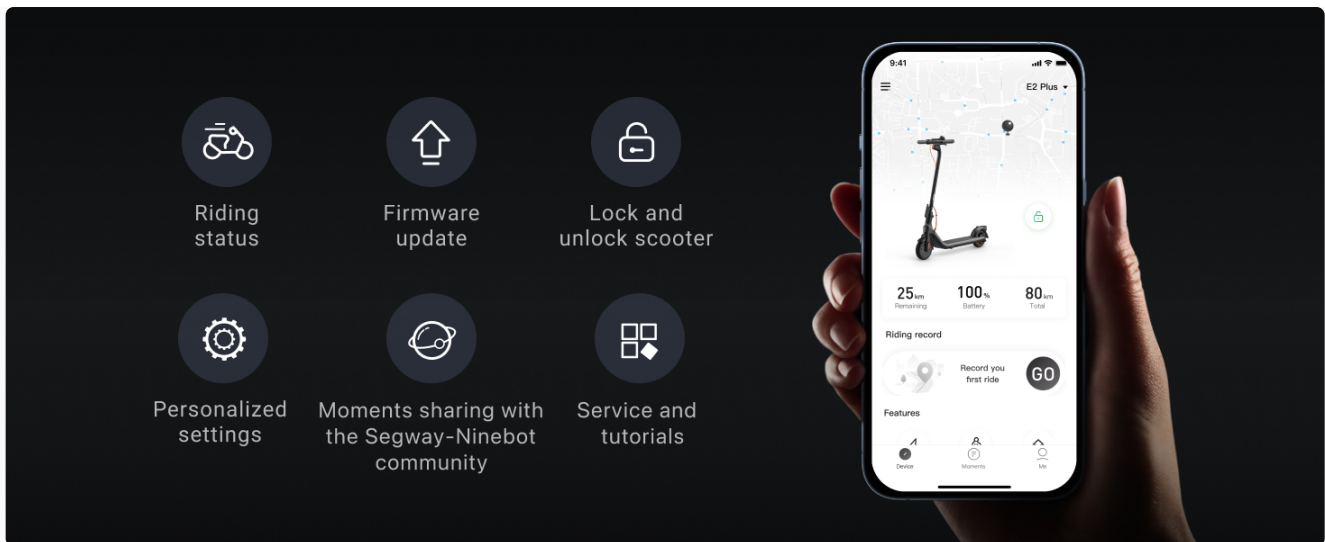


Image: The Segway-Ninebot mobile application interface, showing various control and information features.

## 5. OPERATING INSTRUCTIONS

Understand how to properly operate your Segway Ninebot E2 Plus for a safe and enjoyable ride.

### 5.1 Power On/Off

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

### 5.2 Dashboard Display

The 2.8-inch dashboard displays crucial information such as speed, battery level, and riding mode. Its 25-degree tilt angle is ergonomically designed for easy viewing while riding.



Image: The 2.8-inch LED dashboard displaying operational information.

### 5.3 Riding Modes

The kickscooter supports four distinct riding modes, each offering different speed profiles:

- **Energy-saving Mode:** Approximately 9.3 mph (15 km/h) - Ideal for extended range.
- **Standard Mode:** Approximately 12.4 mph (20 km/h) - Balanced performance.

- **Sport Mode:** Approximately 15.5 mph (25 km/h) - For maximum speed.
- **Walk Mode:** Approximately 3.1 mph (5 km/h) - For walking alongside the scooter.

## The KickScooter Supports 4 Riding Modes:

Energy-saving Mode	9.3 mph (15 km/h)
Standard Mode	12.4 mph (20 km/h)
Sport Mode	15.5 mph (25 km/h)
Walk Mode	3.1 mph (5 km/h)



Image: Visual representation of the four available riding modes and their speeds.

## 5.4 Braking System

The E2 Plus features a dual braking system for reliable stopping power: a front electronic brake and a rear mechanical drum brake, both controlled by a single lever. Apply the brake lever gently to slow down and firmly for emergency stops.

## Dual Brake System for your safety!

The combination of the front electronic brake and the rear mechanical drum brake (controlled by one lever) will ensure an efficient and reliable brake.

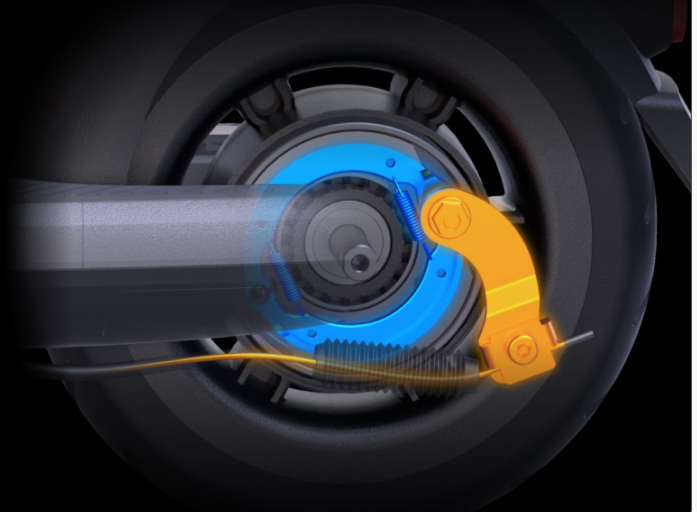


Image: Illustration of the dual brake system for enhanced safety.

## 5.5 Ambient Lighting

The kick scooter is equipped with 256 RGB ambient lights that synchronize with your speed, enhancing visibility and adding dynamic effects to your journey. These lights can be customized via the Segway-Ninebot app.



## Enjoy Speed with Color & Glow

256 colors RGB ambient light allows your scooter shine and glow at night, with 3 light effects, and its rhythm changes with the speed.



Image: The kick scooter's ambient lighting feature in action.

## 6. CHARGING

Proper charging procedures ensure battery longevity and safe operation.

### 6.1 Charging Process

1. Ensure the kick scooter is powered off before charging.
2. Locate the charging port, typically covered by a rubber flap, on the kick scooter.
3. Connect the charger to the charging port, then plug the charger into a standard power outlet.
4. The charging indicator light on the charger will typically turn red during charging and green when fully charged.
5. Charging time is approximately 7.5 hours for a full charge.
6. Disconnect the charger once charging is complete and securely close the charging port cover.

### 6.2 Smart Battery System Management (BMS)

The E2 Plus is equipped with a Smart Battery System Management (BMS) that provides multiple protections for the battery, including short circuit protection, overcurrent protection, and double protection from overcharging and over-discharging.

## Smart Battery System management (BMS)

- Short circuit protection
- Overcurrent protection
- Double protection from overcharging
- Double protection from over-discharging



Image: Internal view of the battery and BMS system.

## 7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your kick scooter.

### 7.1 Cleaning

- Wipe the kick scooter with a soft, damp cloth. Do not use alcohol, gasoline, kerosene, or other corrosive chemical solvents.
- Do not wash the kick scooter with a high-pressure water jet.
- Ensure the charging port cover is tightly closed during cleaning.

### 7.2 Tire Care

The E2 Plus is equipped with 8.1-inch inner hollow shock-absorbing tires, which are maintenance-free and designed to provide a comfortable ride by reducing vibrations.

#### 8.1-inch Inner Hollow Shock-Absorbing Tires

- Maintenance Free
- Taking advantage of the hollowed-out design
- Features better shock absorption capability, making your ride more comfortable.



Image: Diagram illustrating the design of the shock-absorbing tires.

### 7.3 Storage

- Store the kick scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50-70% every 30-60 days to prevent over-discharge.

## 8. TROUBLESHOOTING

This section addresses common issues you might encounter with your Segway Ninebot E2 Plus Kick Scooter.

Problem	Possible Cause	Solution
Kick scooter does not power on	Low battery; Power button not pressed correctly	Charge the battery; Press and hold the power button firmly.

Problem	Possible Cause	Solution
Reduced range or speed	Low battery; Riding in Sport mode for extended periods; Rider weight exceeds limit; Steep inclines; Cold weather	Fully charge the battery; Use Energy-saving or Standard mode; Ensure rider weight is within limits; Avoid steep inclines; Operate in moderate temperatures.
Brakes feel weak or unresponsive	Brake cable adjustment needed; Worn brake pads; Debris in brake mechanism	Inspect brake lever and cable for proper tension; Check brake pads for wear and replace if necessary; Clean any debris from the brake system. If issues persist, contact customer support.
Bluetooth connectivity issues	Bluetooth off on phone; Kickscooter not in pairing mode; App issues	Ensure Bluetooth is enabled on your phone; Restart the kickscooter and app; Try pairing again.
Unusual noises during operation	Loose components; Debris in wheels; Motor issue	Check all screws and fasteners for tightness; Inspect wheels for foreign objects; If motor noise persists, contact customer support.

For issues not listed here or if solutions do not resolve the problem, please contact Segway customer support.

## 9. SPECIFICATIONS

Detailed technical specifications for the Segway Ninebot E2 Plus Electric KickScooter.

Feature	Specification
Model Name	E2 Plus
Motor Power	Nominal Output 300W, Maximum Power 500W
Max Speed	15.5 MPH (25 km/h)
Max Range	Up to 15.5 Miles (25 km) theoretical, 12.4 Miles (20 km) at max speed
Charging Time	Approx. 7.5 Hours
Tires	8.1-inch Inner Hollow Shock-Absorbing Tires (Maintenance Free)
Brake System	Electronic (Front) + Drum Brake (Rear)
Max Incline	Up to 12%
Weight Limit	198.4 Pounds (90 kg)
Item Weight	31.7 Pounds (14.4 kg)
Product Dimensions	42.1"L x 17.5"W x 44.9"H (107cm L x 44.5cm W x 114cm H)
Frame Material	Automotive grade SPFH590 steel
Water Resistance	IPX4 (Kickscooter body), IPX6 (Battery)



Feature	Specification
Special Features	256 colors RGB ambient lights, Battery Management System, Cruise Control, Foldable, Large-sized Dashboard
Certification	ANSI/CAN/UL-2272 Certified
UPC	841450001151

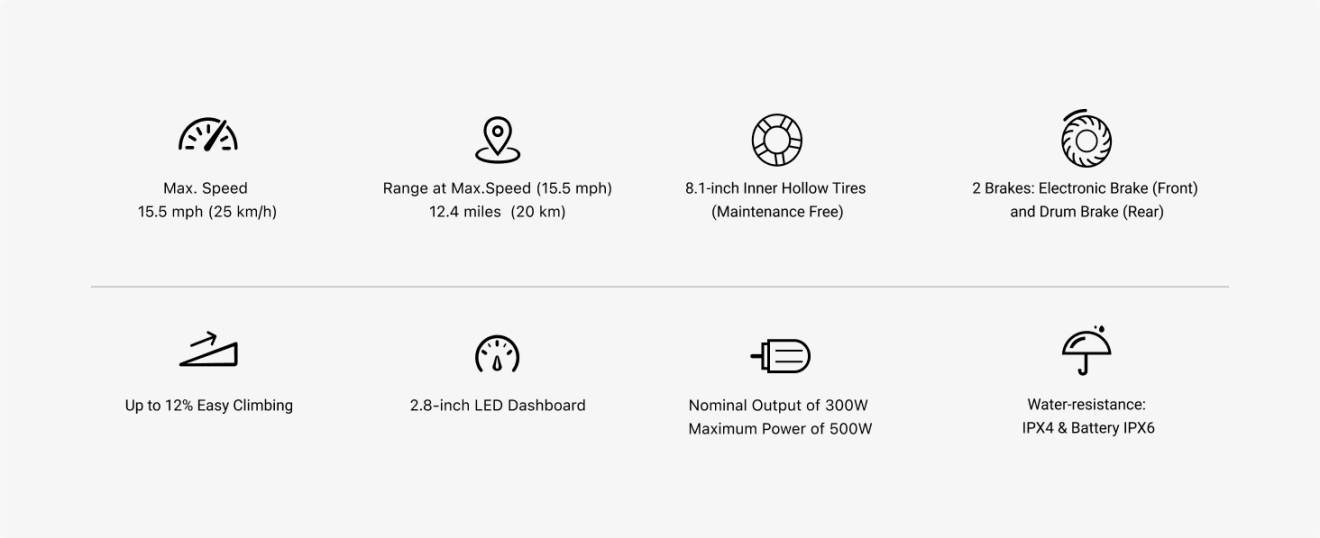


Image: Overview of key product specifications.

## 10. WARRANTY AND SUPPORT

Your Segway Ninebot E2 Plus Electric KickScooter comes with a 2-year limited warranty. Please refer to the warranty manual included in your accessory box for detailed information regarding coverage, terms, and conditions.

### 10.1 Customer Support






For technical assistance, warranty claims, or general inquiries, please contact Segway customer support through their official website or the Segway-Ninebot mobile application. Have your product model number (E2 Plus) and UPC (841450001151) ready when contacting support.



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### Related Documents - E2 Plus

	<a href="#">Segway KickScooter GT Series User Manual - Features, Specs, and Troubleshooting</a> Comprehensive user manual for the Segway KickScooter GT series (GT1, GT2). Learn about product features, handlebar controls, dashboard indicators, speed modes, technical specifications, and troubleshooting. Visit Segway.com for updates.
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	<p><a href="#">Segway KickScooter ES4 Owner's Manual</a></p> <p>Comprehensive owner's manual for the Segway KickScooter ES4, detailing safety guidelines, technical specifications, charging procedures, riding techniques, and mobile app integration for an optimal user experience.</p>
	<p><a href="#">Ninebot KickScooter ES3 PLUS User Manual   Segway</a></p> <p>Comprehensive user manual for the Ninebot KickScooter ES3 PLUS by Segway, covering safety, assembly, operation, maintenance, specifications, and certifications. Learn how to ride and care for your electric scooter.</p>
	<p><a href="#">Segway KickScooter P100SE User Manual</a></p> <p>Comprehensive user manual for the Segway KickScooter P100SE, covering diagrams, specifications, common issues, and certifications. Learn how to operate and maintain your electric scooter.</p>
	<p><a href="#">Segway KickScooter P100SE Bruksanvisning og Sikkerhetsguide</a></p> <p>Utforsk denne omfattende bruksanvisningen for Segway KickScooter P100SE. Lær om sikkerhet, korrekt bruk, vedlikehold, feilsøking og produktspesifikasjoner for en optimal opplevelse.</p>
	<p><a href="#">Ninebot KickScooter ES Series User Manual</a></p> <p>This user manual provides comprehensive instructions for the Segway Ninebot KickScooter ES series (ES1, ES2, ES4), covering safety guidelines, assembly, operation, maintenance, specifications, and certifications.</p>