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www.segway.com

V1.0

User Manual

ninebot[®] KickScooter

Original Instructions

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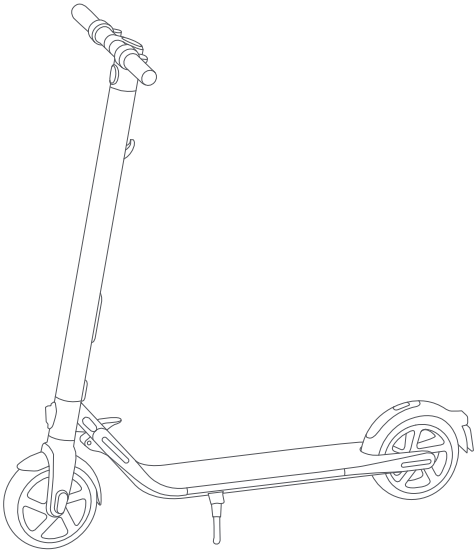
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Thanks for choosing the Ninebot KickScooter!

Thanks for choosing the Ninebot KickScooter (hereinafter referred to as KickScooter)!

Your KickScooter is a fashionable transportation device with mobile app, allowing you to connect with other riders.

Enjoy your ride and connect with riders world wide!



⚠ WARNING!

Always use both electric brake and foot brake for emergency stopping. Otherwise you risk falls and/or collisions from not achieving the max. braking capability.

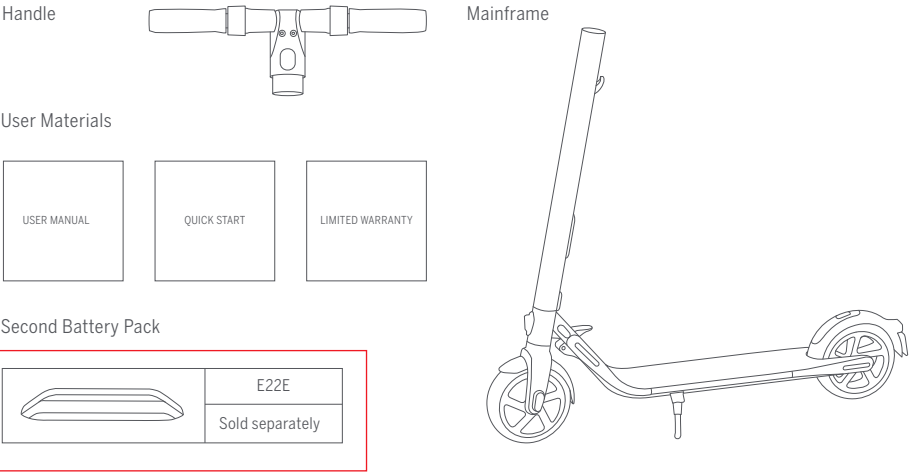
* The picture is for reference only. Please refer to the actual product for more details.

1 Riding Safety

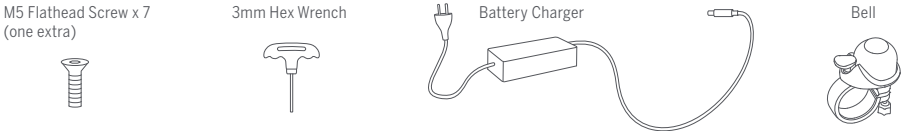
1. The KickScooter is a recreational product. Before mastering riding skills, you need to practice. Neither Ninebot Inc. (means Ninebot (Beijing) Tech Co., Ltd. and its subsidiaries and affiliates) nor Segway Inc. is responsible for any injuries or damage caused by a rider's inexperience or failure to follow the instructions in this document.
2. Please understand that you can reduce the risk by following all the instructions and warnings in this manual, but you cannot eliminate all the risks. Remember that whenever you ride the KickScooter you risk injury from loss of control, collisions, and falls. When entering into public spaces always comply with the local laws and regulations. As with other vehicles, faster speeds require longer braking distance. Sudden braking on low traction surfaces could lead to wheel slip, or falls. Be cautious and always keep a safe distance between you and other people or vehicles when riding. Be alert and slow down when entering unfamiliar areas.
3. Always wear a helmet when riding. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place, and provides protection for the back of your head.
4. Do not attempt your first ride in any area where you might encounter children, pedestrians, pets, vehicles, bicycles, or other obstacles and potential hazards.
5. Respect pedestrians by always yielding the right of way. Pass on the left whenever possible. When approaching a pedestrian from the front, stay to the right and slow down. Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing. Please obey local traffic laws and regulations if situation is different.
6. In places without laws comply with the safety guidelines outlined in this manual. Neither Ninebot Inc. nor Segway Inc. is responsible for any property damage, personal injury/death, accidents, or legal disputes caused by violations of the safety instructions.
7. Do not allow anyone to ride your KickScooter on his/her own unless they have carefully read this manual and followed the New Rider Tutorial in the App. The safety of new riders is your responsibility. Assist new riders until they are comfortable with the basic operation of the KickScooter. Make sure each new rider wears a helmet and other protective gear.
8. Before each ride check for loose fasteners and damaged components. If the KickScooter makes abnormal sounds or signals an alarm, immediately stop riding. Diagnose your KickScooter via the Segway-Ninebot App and call your dealer/distributor for service.
9. Be alert! Scan both far ahead and in front of your KickScooter — your eyes are your best tool for safely avoiding obstacles and low traction surfaces (including, but not limited to, wet ground, loose sand, loose gravel, and ice).
10. To reduce risk of injury, you must read and follow all "CAUTION" and "WARNING" notices in this document. Do not ride at an unsafe speed. Under no circumstance should you ride on roads with motor vehicles. The manufacturer recommends riders be 14+ years old. Always follow these safety instructions:
 - A. People who should not ride the KickScooter include:

- i. Anyone under the influence of alcohol or drugs.
 - ii. Anyone who suffers from disease that puts them at risk if they engage in strenuous physical activity.
 - iii. Anyone who has problems with balance or with motor skills that would interfere with their ability to maintain balance.
 - iv. Anyone whose weight is outside the stated limits (see Specifications).
 - v. Pregnant women.
- B. Riders under the age of 18 years old should ride under adult supervision.
 - C. Comply with local laws and regulations when riding this product. Do not ride where prohibited by local laws.
 - D. To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.
 - E. Do not ride in the snow, in the rain, or on roads which are wet, muddy, icy, or that are slippery for any reason. Do not ride over obstacles (sand, loose gravel, or sticks). Doing so could result in a loss of balance or traction and could cause a fall.
11. Do not attempt to charge your KickScooter if it, the charger, or the power outlet is wet.
 12. As with any electronic device, use a surge protector when charging to help protect your KickScooter from damage due to power surges and voltage spikes. Only use the Segway supplied charger. Do not use a charger from any other different product models.
 13. Use only Ninebot or Segway approved parts and accessories. Do not modify your KickScooter. Modifications to your KickScooter could interfere with the operation of the KickScooter, could result in serious injury and/or damage, and could void the Limited Warranty.
 14. Children should not play with the KickScooter or parts of it nor should cleaning or maintenance be done by children. The use of the machine results in the transmission of vibrations throughout the driver's body.
 15. Always place the KickScooter on its stand on a flat and stable surface. The KickScooter must be placed with the stand against the slope to prevent it from tipping over. Never place the KickScooter with the front facing down the slope, as the stand may close and tip the machine. Once the KickScooter is on its stand, check its stability to avoid any risk of falling (by slip, wind or slight jolt). Do not park the KickScooter in a busy area, but rather along a wall. If possible, always choose to park your KickScooter on flat ground.
 16. For a better driving experience, it is recommended to conduct a regular maintenance of the product.
 17. Please read the user manual before charging the battery.
 18. Do not touch the brake system, it could cause injuries.
 19. The A-weighted emission sound pressure level is less than 70 dB(A). The mechanical vibrations transmitted by the KickScooter are less than 2.5 m/s².

2 Packing List



Accessories

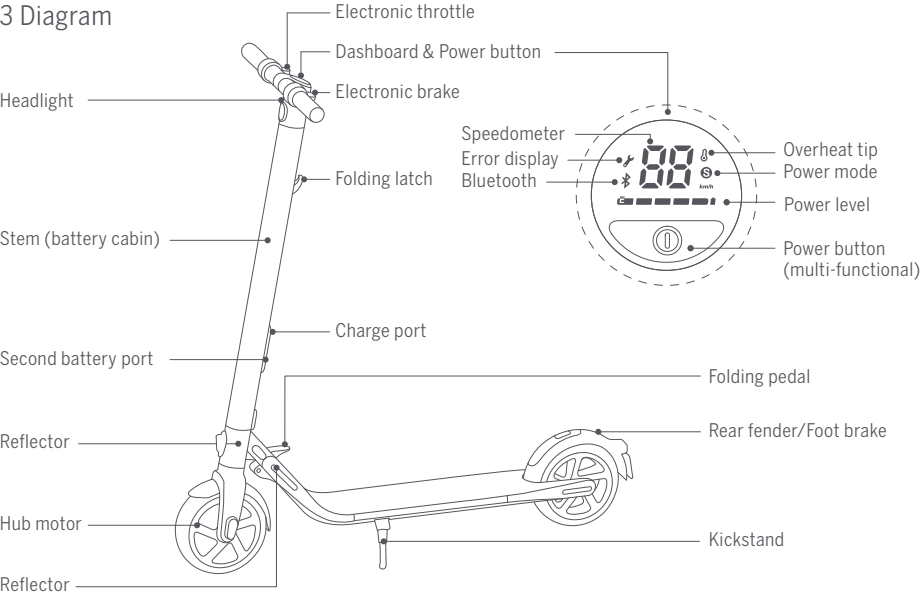


When unboxing your KickScooter, please verify that the above items are included in the package. If you are missing any components, please contact your dealer/distributor or nearest service center (see Contacts in the user manual). After verifying that all components are present and in good condition, you can assemble your new KickScooter.

Please retain the box and packaging materials in case you need to ship your KickScooter in the future.

Remember to power off your KickScooter and unplug the charge cable before assembling, mounting accessories, or cleaning the mainframe.

3 Diagram



Dashboard & Power Button

Speedometer: Indicates the current speed. Also displays error codes when faults are detected.

Power level: Indicates the remaining battery level with 5 bars. Each bar equates to approximately 20% power level.

Power mode (double click the power button to switch the mode):

- Red "S" icon: Sport mode (maximum power/speed and reduced range).
- White "S" icon: Standard mode (moderate power/speed and range).
- No "S" icon: Speed limit mode (minimum power/speed and increased range).

Bluetooth: A blinking Bluetooth icon indicates that the vehicle is ready to connect. A solid Bluetooth icon indicates that the vehicle is connected to a mobile device.

Power button: Short press to power on. Long press to power off. When powered on, single click to turn on/off the headlight. Double-click to change power mode.

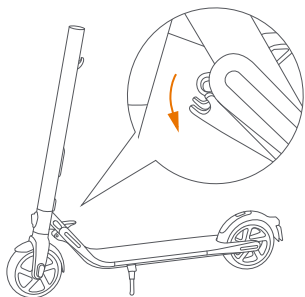
Overheat tip: The thermometer icon always on indicates that the battery temperature has reached 50 °C. At this point, the vehicle cannot accelerate normally and may not be charged. Do not use it until the temperature is lowered to normal range.

Error display: The lit wrench icon indicates the scooter error.

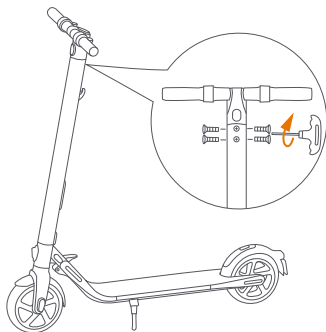
4 Assembling Your KickScooter

1. Unfold the stem and push it until you hear a click. Flip up the folding pedal. Then unfold the kickstand to support the scooter.

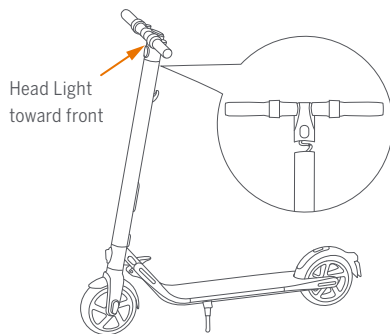
Note: Confirm that the latching axis on the folding mechanism is secured correctly.



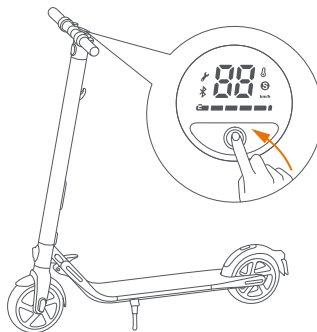
3. Install six screws (two on each side) with the included hex wrench.



2. Firmly connect the wires inside the handle and the stem. Slide the handle onto the stem. Be aware of the correct orientation.



4. Verify that your KickScooter powers on and off.

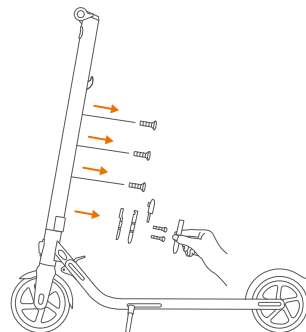


5 Installing a Second Battery Pack (optional)

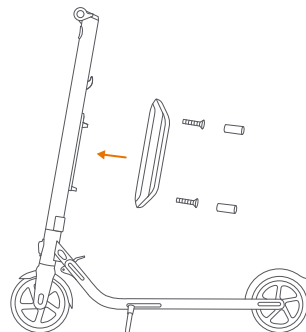
Warning: please use the screws provided with this product only.

Follow these steps when installing a second battery pack:

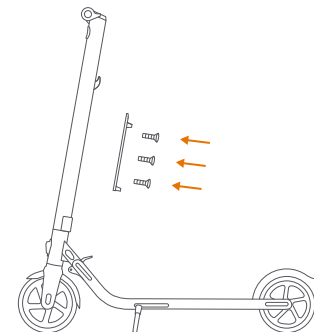
1. Remove the three screws on the stem, as shown. Then remove the cover near the charge port and remove the M3 screw.



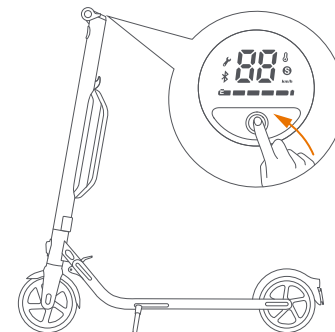
3. Install the external battery on the rail and fix it with the M4 (20mm) screws (2 pcs) and M3 screw (1 pcs), provided with this product. After they are properly installed, block the screw holes with the rubber stopper.



2. Install the rail with the M4 (10mm) screws (3 pcs), provided with this product. Please make sure it is properly fixed.



4. Verify that your KickScooter powers on and off.



6 First Ride

⚠ There are safety risks when learning to ride the KickScooter. You must read the Riding Safety via the App before your first ride.

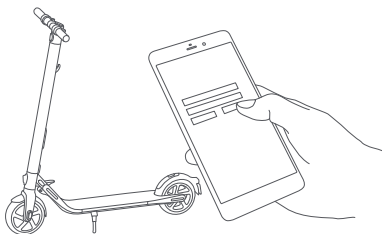
For your safety, your new KickScooter is not activated and will beep occasionally after POWER ON.

Until activated, the KickScooter maintains a very low riding speed, and can not be ridden with full function. Install the App on your mobile device (with Bluetooth 4.0 or above), connect to the KickScooter with Bluetooth, and follow the App instructions to activate your KickScooter and enjoy the full performance.

Scan the QR code to download the App (iOS 9.0 or above, Android™ 4.3 or above).

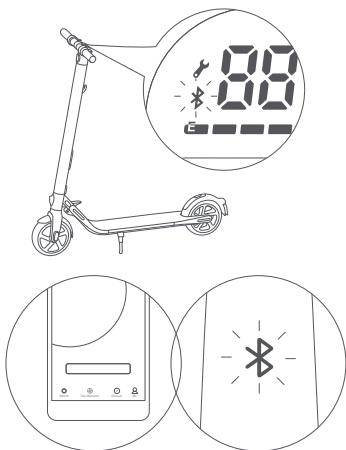


- 1 Install the App and register/login.



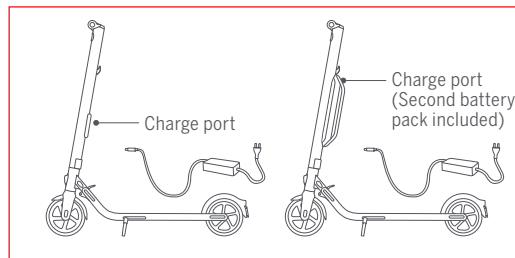
- 3 Click "Vehicle" → "Search vehicle" to connect to your KickScooter.
The KickScooter will beep when the connection is successful. The Bluetooth icon will stop blinking and remain illuminated.

- 2 Power on the KickScooter. A blinking Bluetooth icon indicates the KickScooter is waiting for a connection.



- 4 Follow the App instructions to activate the KickScooter and learn how to ride safely.
You can now start to use your KickScooter, check the status with App, and interact with other users. Have fun!

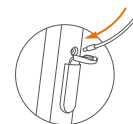
7 Charging



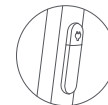
Charging steps:



Open the charge port cover.



Insert the charge plug.



Close the charge port cover when finished.

⚠ WARNING

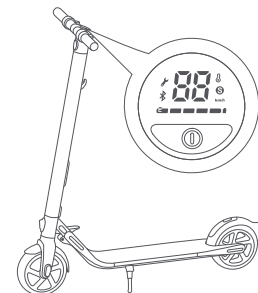
Do not connect the charger if the charge port or charge cable is wet. Do not charge or use your battery if it is damaged or see trace of water.

Your KickScooter is fully charged when the LED on the charger changes from red (charging) to green (trickle charge). Close the charge port cover when not charging.

8 Learning to Ride

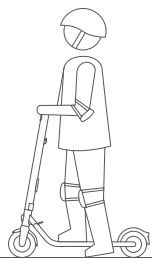


Wear an approved helmet and other protective gear to minimize any possible injury.

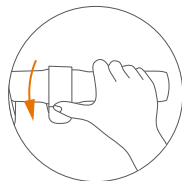


1. Power on the scooter and check the indicator lamp power level. Charge the scooter if the battery level is low.

- ⚠ To avoid inappropriate use, it is necessary to start coasting the KickScooter to activate the motor and the accelerator. When the KickScooter is stopped, the accelerator does not work.

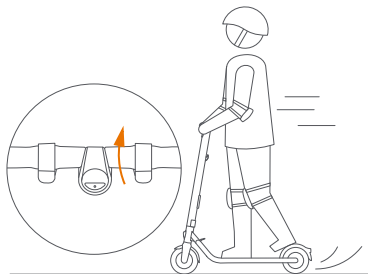


2. Stand on the footrest with one foot and push off with your foot to start gliding.

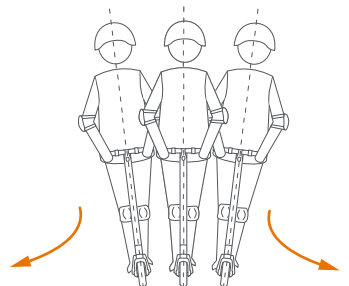


3. Put your other foot on the footrest to keep both feet stable. Press the throttle on right hand to speed up when you are balanced.

Note: For your safety, the motor will not engage until the scooter reaches 2.5 mph (4 km/h)



4. Slow down by releasing the throttle. Squeeze the electronic brake and stamp the fender with foot at the same time for a sudden brake.



5. To turn, shift your body and turn the handle slightly.

⚠ WARNING

When braking rapidly you risk serious injury due to loss of traction and falls. Maintain a moderate speed and look out for potential hazards.

9 Warnings

⚠ WARNING

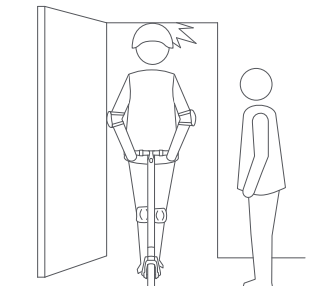
Failure to follow these instructions could lead to serious injury.



DO NOT ride the scooter in the rain.



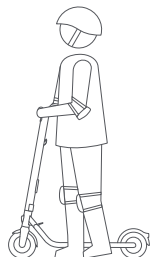
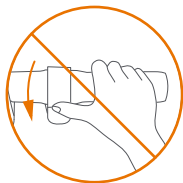
Keep your speed between 5-10 km/h when you ride through speed bumps, elevator door stills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces.



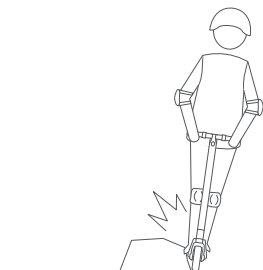
Watch your head when passing through doorways.



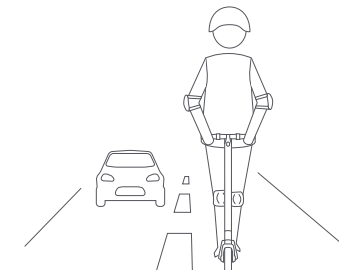
Watch your speed when traveling downhill. Use both brakes together when traveling at high speed.



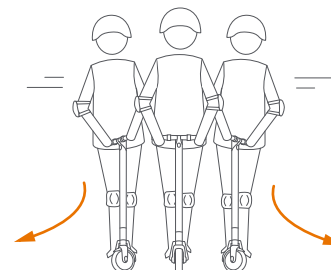
 DO NOT press the throttle when walking with the scooter.



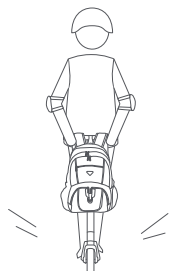
 Avoid contacting obstacles with the tire/wheel.



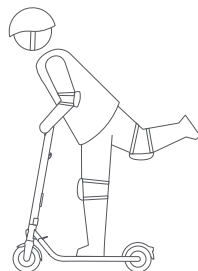
 DO NOT ride on public roads, motorways, or highways.



 DO NOT rotate the handle violently while driving at high speed.



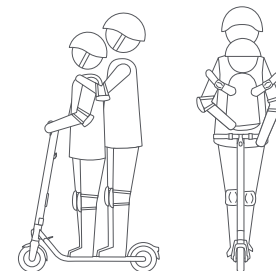
 DO NOT carry heavy objects on the handlebar.



 DO NOT ride the scooter with only one foot.



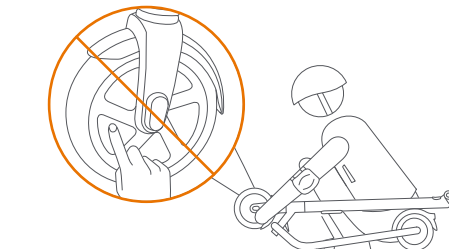
 Do not ride through puddles or any other (water) obstacles. In such a case please lower your speed and bypass the obstacle.



 The KickScooter is for one rider only. Do not ride double or carry any passengers. Do not carry a child.



⚠ DO NOT step on the folding pedal while riding.

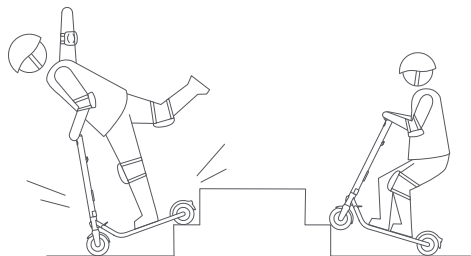


⚠ DO NOT touch the hub motor after riding because it can get hot.



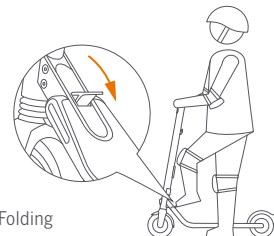
⚠ DO NOT take your hands off the handlebar while riding. Do not ride with one hand only.

⚠ WARNING
Always keep both hands on the handlebar or you risk serious injury due to loss of balance and falls.



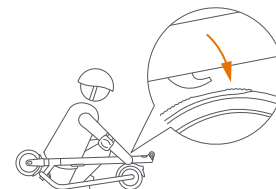
⚠ DO NOT ride up and down stairs or jump over obstacles.

10 Folding and Carrying

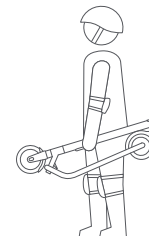


Folding

Step on the folding pedal while pushing the handlebar forward slightly.



Then fold the handlebar down until it locks into the rear fender.



When your KickScooter is folded up, simply lift it by the stem to carry.

11 Maintenance

Cleaning and Storage

Use a soft, wet cloth to wipe the mainframe clean. Hard to remove dirt can be scrubbed with a toothbrush and toothpaste, then cleaned with a soft, wet cloth.

NOTE

Do not wash your KickScooter with alcohol, gasoline, acetone, or other corrosive/volatile solvents. These substances may damage the appearance and internal structure of your KickScooter. Do not wash your KickScooter with a power washer or hose.

⚠ WARNING

Make sure the KickScooter is powered OFF, the charging cable is unplugged, and the rubber cap on the charge port is tightly sealed before cleaning; otherwise you may damage the electronic components.

Store your KickScooter in a cool, dry place. Do not store it outdoors for extended periods of time. Exposure to sunlight and temperature extremes (both hot and cold) will accelerate the aging process of the plastic components and may reduce battery life.

Maintenance and removal of the battery

Do not remove the battery. Removing the battery is complicated and can alter the operation of the machine. You can contact an authorized repairer if the product is still guaranteed. If the product is not guaranteed you can contact any specialized repairer of your choice. You can ask for the list of the authorized repairers to the customer service available at www.segway.com. For any further question, you can contact the customer service available at www.segway.com.

Do not store or charge the battery at temperatures outside the stated limits (see Specifications). Do not puncture the battery. Refer to your local laws and regulations regarding battery recycling and/or disposal. A well maintained battery can perform well even after many miles of riding. Charge the battery after each ride and avoid draining the battery completely. When used at room temperature (70°F [22°C]) the battery range and performance is at its best; whereas using it at temperatures below 32°F (0°C) can decrease range and performance. Typically, at -4°F (-20°C) range can be half that of the same battery at 70°F (22°C). Battery range will recover when temperature rises. More details are available in the App.

Replace the Tires

Tires supplied with the product are to be mounted on the wheel by a professional repairer. Removing the wheels is complicated and incorrect assembly can lead to instability and malfunctions:

- Please contact an authorized repairer if the product is still under manufacturer guarantee. You can ask for the list of the authorized repairers to the customer service available at www.segway.com.
- If the product is no longer under guaranteed you can contact any specialized repairer of your choice.
- Should you have questions, you can contact customer service available at www.segway.com.

NOTE

Typically, a fully charged battery should retain charge for 120-180 days in Standby Mode. A low-power battery should retain charge for 30-60 days in Standby Mode. Remember to charge the battery after each use. Completely draining the battery may cause permanent damage to the battery. Electronics inside the battery record the charge-discharge condition of the battery; damage caused by over-discharge or under-discharge will not be covered by the Limited Warranty.

⚠ WARNING

Do not charge or use your battery if it is damaged or see trace of water. Do not attempt to disassemble the battery. Risk of fire. No user serviceable parts.

⚠ WARNING

Do not ride when the ambient temperature is outside the machine operation temperature (see Specifications) because low/high temperature will limit the maximum power/torque. Doing so could cause personal injury or property damage due to slips or falls.

Others

The external flexible cable of this transformer cannot be replaced; if the cord is damaged, the transformer must be discarded and replaced by a new one. Should you have questions, you can contact customer service available at www.segway.com.

In case of accident or breakdown: Please contact an authorized repairer if the product is still under guarantee. If not, you can contact any specialized repairer of your choice. You can ask for the list of the authorized repairers to the customer service available at www.segway.com. For any question, please contact customer service available at www.segway.com.

Efforts have been made to simplify wording in the user manual for users. Where an action appears too complicated for a user, he is advised to contact an authorized or a specialized repairer or customer service.

12 Specifications

	Item	E22
Dimensions	Length x Width x Height	43.7 × 16.5 × 44.1 in (111 × 42 × 112 cm)
	folded: Length x Width x Height	44.9 × 16.5 × 14.2 in (114 × 42 × 36 cm)
Weight	Net Weight	Approx. 29.8 lbs (13.5kg)
Rider	Payload	55–220 lbs (25–100 kg)
	Recommended Age	14+ years
	Required Height	3' 11"–6' 6" (120–200 cm)
Machine Parameters	Max. Speed	12.4 mph (20 km/h)
	Typical Range ^[1]	13.7 miles (22 km)
	Max. Slope	15%
	Traversable Terrain	asphalt/flat pavement; obstacles < 0.4 in (1 cm); gaps < 1.2 in (3 cm)
	Operating Temperature	14–104°F (-10–40°C)
	Storage Temperature	-4–122°F (-20–50°C)
	IP Rating	IPX4
	Duration of Charging	Approx. 3.5 h
Battery	Nominal Voltage	36 ===
	Max. Charging Voltage	42 ===
	Charging Temperature	32–104°F (0–40°C)
	Nominal Capacity	187 Wh
	Battery Management System	Over-heating, short circuit, over-current, over-discharge and over-charge protection
	Number of Batteries ^[2]	1
Motor	Nominal Power	300 W, 0.3 kW
	Max. Power	700 W, 0.7 kW
Charger	Output Power	71 W, 0.71 kW
	Input Voltage	100–240 ~
	Output Voltage	42 ===
Features	Output Current	1.7 A
	Brake Light	LED rear light
Tire	Riding Modes	Speed limit mode, Standard mode and Sport mode
	Tires	Material: non-pneumatic tires. synthetic rubber. Size: 9 inches

[1] Typical Range: tested while riding under full power, 165 lbs (75 kg) load, 77°F (25°C), 60% of max. speed on average on pavement.

[2] All KickScooter models could install the second battery. Some of the parameters would change in this case.

Federal Communications Commission (FCC) Compliance Statement for USA

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Industry Canada (IC) Compliance Statement for Canada

This device complies with Industry Canada license-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CAN¹⁸ ICES-3 (B)/NMB-3(B)

"Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2)

l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

Neither Segway Inc. nor Ninebot is responsible for any changes or modifications not expressly approved by Segway Inc. or Ninebot. Such modifications could void the user's authority to operate the equipment.

Ninebot KickScooter(E22)
FCC ID:2ALS8-NT9529
IC:22636-NT9529

14 Contacts

Contact us if you experience issues relating to riding, maintenance and safety, or errors/faults with your KickScooter.

Segway Europe B.V.
Hogehilweg 8, 1101CC Amsterdam, The Netherlands
Website: www.segway.com

Have your KickScooter serial number on hand when contacting Segway.
You can find your serial number on the underside of your KickScooter or Basic Information in the Segway-Ninebot App.