Segway-Ninebot

Ninebot KickScooter E Serie

POWERED BY SEGWAY

Introduction for EMEA market

April 2020

For Internal Use and Business Partners

v.1

www.segway.com

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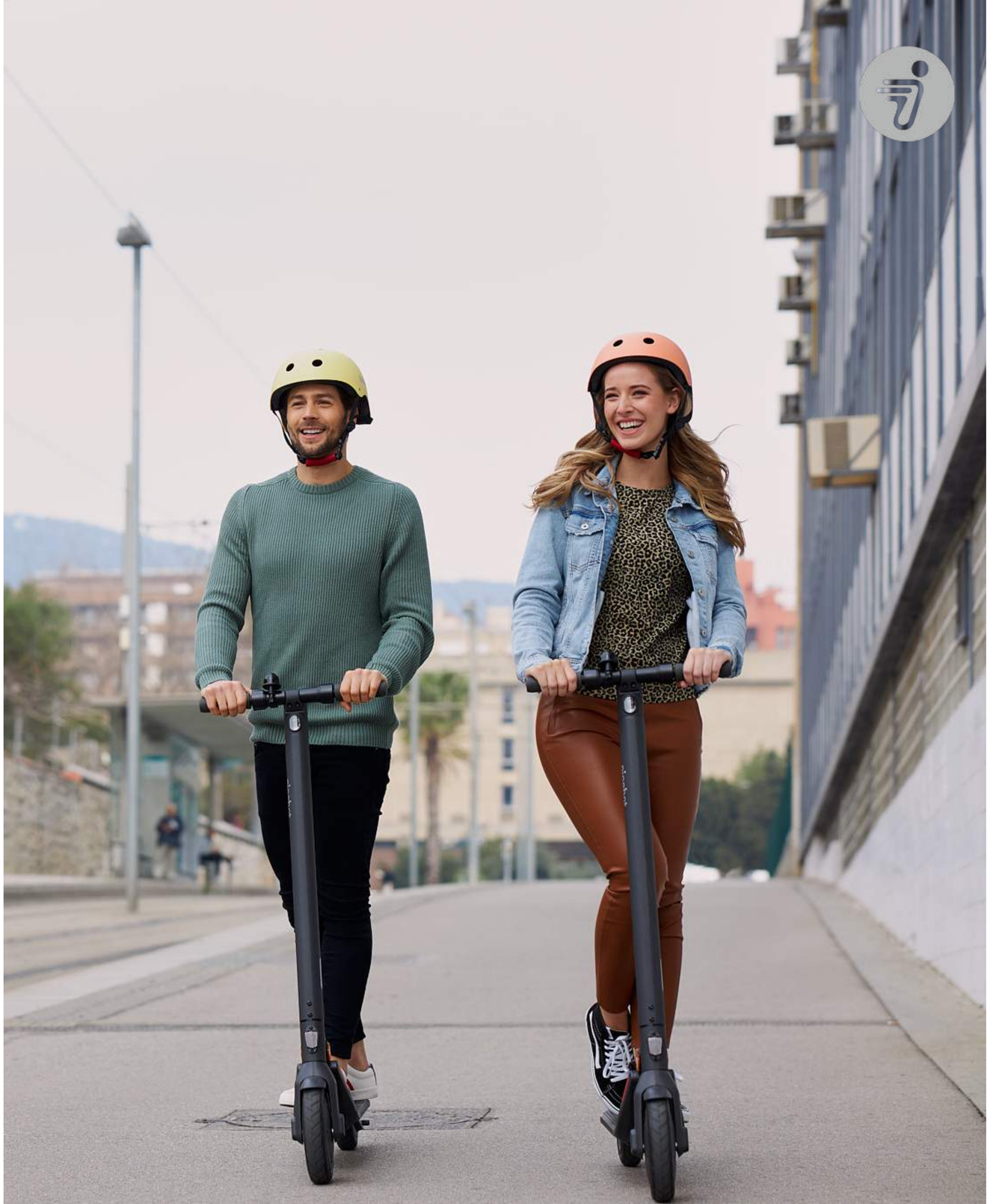

Comfortable and Safe Riding KickScooter

ES1

ES2

ES4

Ninebot KickScooter ES Serie by Segway

- Design-oriented
- Compact
- Lightweight

E22E

E25E

E45E

Ninebot KickScooter E Serie (Powered by Segway)

- Design and Comfort-oriented
- Safety
- Stronger Motor

Ninebot KickScooter E22E/E25E/E45E

E22E

E25E

E45E

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Product Positioning

Ninebot KickScooters E Serie will be riding comfort and lightweight electric KickScooters.

What are people looking for in a KickScooter?

1. Safety and comfort
2. High quality for commuting
3. Easy to carry

Ninebot KickScooter E Serie

1. Dual Density Tyres (maintenance free)
2. Front, Side, Back and Lights with E-MARK Reflectors
3. A. Two Independent Brakes for E22E

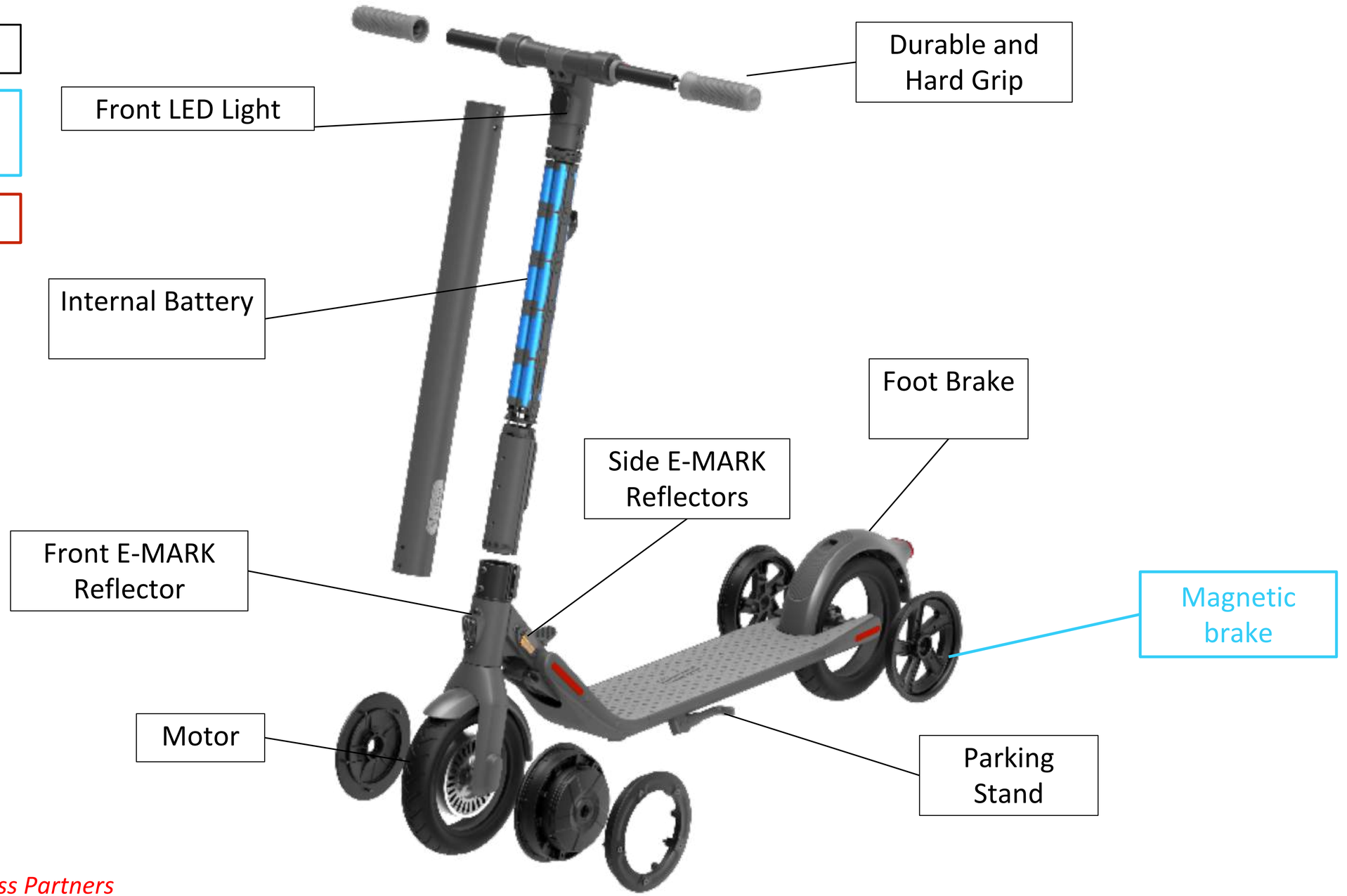
   B. Three Brakes System for E25E and E45E

Specifications E Serie (front and internal view)

E22E, E25E, E45E

For E25E and E45E

Only for E45E



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Specifications E Serie (back view)

E22E, E25E, E45E

For E25E and E45E

Only for E45E

Throttle

Dashboard & Power button

Electronic Brake

6 Screws for Better Fixation

Folding Fixing Point

Folding Lever

Only for E45E: Additional battery

Slip-Resistant Footboard

Shock Absorption

Rear and Brake Light with E-MARK

9 Inch Dual Density Tyres (front & rear)

Ambient lights

9 Inch Dual Density Tyres

- Maintenance free
- Offers the best comfort and durability
- Comparable to pneumatic tyre with 40psi

- The foam makes the ride smoother and no puncture risk

High quality for pleasant rides

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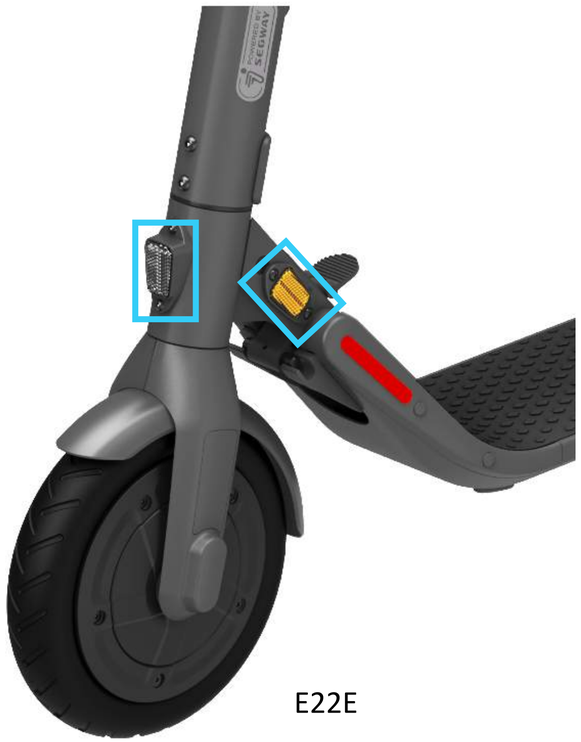
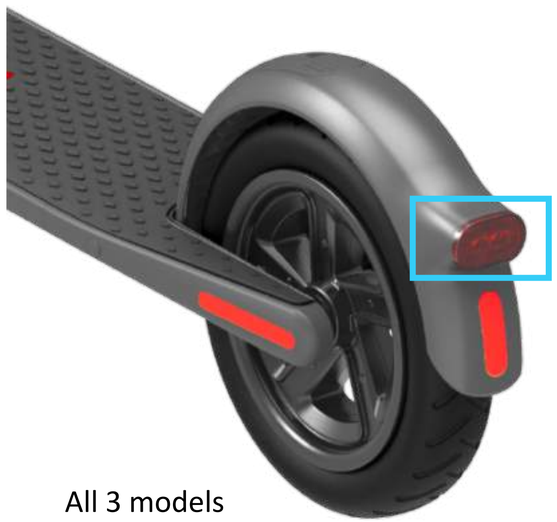
High Quality E-MARK Reflectors

- Front, side and rear E-MARK approved reflectors to increase riders’ safety.



E22E

E25E and E45E

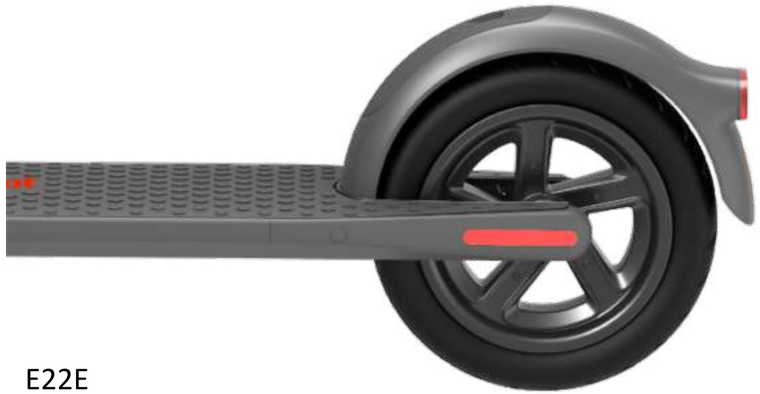


All 3 models

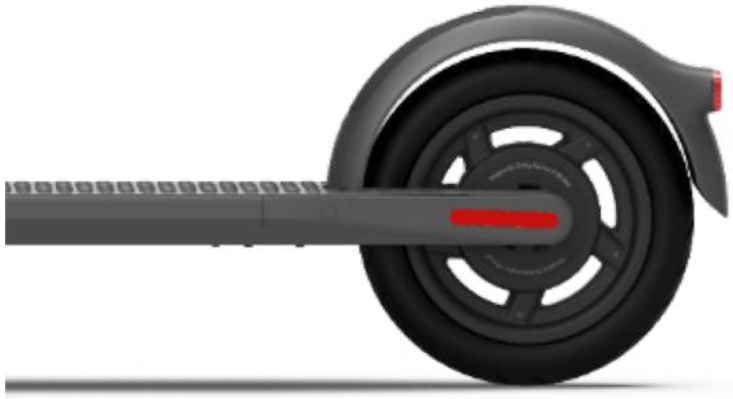
Extended mudguard

- To reduce spray in wet conditions

ES Serie



E22E



E25E and E45E

Battery Pack for E22E and E25E

- The battery is located in the stem for both E22E and E25E
- With a full single charge:
    - E22E can last up to approx. 22 km* in range.
    - E25E can last up to approx. 25 km* in range.

Battery:

- E22E: 184 Wh (5100 mAh)
- E25E: 215 Wh (5960 mAh)

Charging time:

- E22E: 3.5 hours
- E25E: 4 hours

Suitable for both:

✓ last mile commute

✓ leisure travel

* Tested under optimum riding conditions

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Battery Pack for E45E

- One battery is located in the stem for E45E
- Only the E45E has an extra battery included which increase the range to approx. 45 km* in a full single charge.

Battery:

- E45E: 368 Wh (10200 mAh)

Charging time:

- E45E: 7.5 hours

Suitable for both:

✓ long commute

✓ leisure travel

* Tested under optimum riding conditions

For Internal Use and Business Partners

Optional External Battery Accessory

For E22E and E25E KickScooters :

- With the external battery accessory, the range increases up to 45 km*
- The speed will increase at 25 km/h maximum for E22E KickScooter**, while for E25E maximum speed will stay the same (25 km/h).

Compatibility between the external battery accessory generations and KickScooters generations to be confirmed.

*Tested under optimum riding conditions

**(For the previous KickScooter models, ES1 and ES2, the speed increases up to 5km/h with optional external battery accessory)

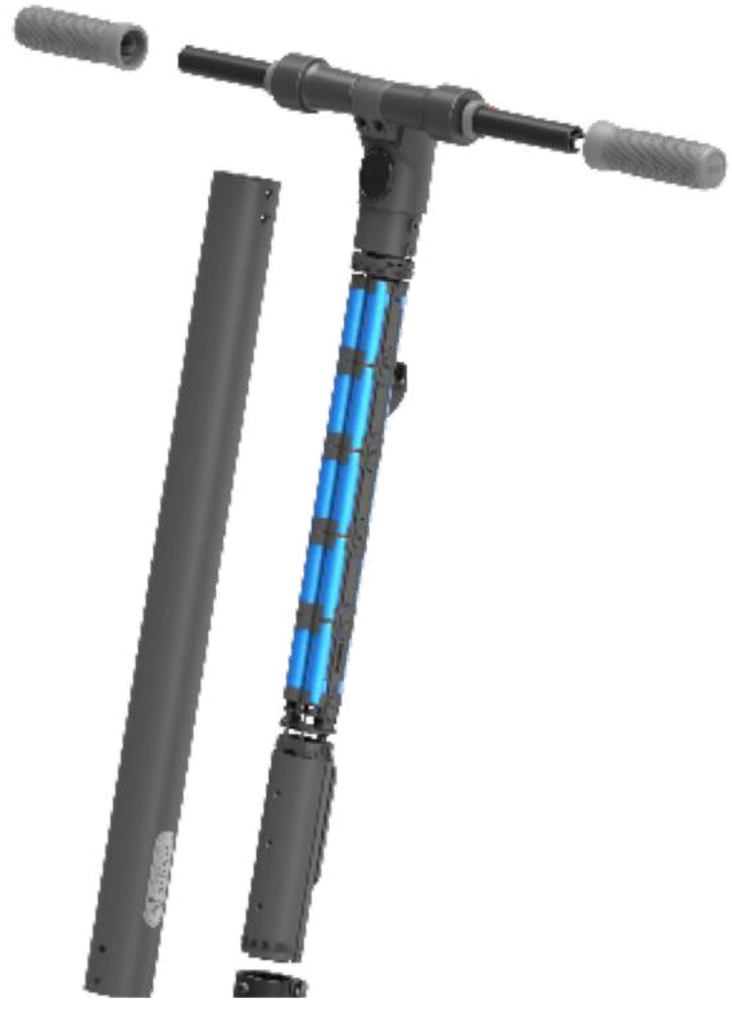
Smart Battery Management System (BMS)

The eco-friendly energy recovery system makes sure no power goes to waste, while the Smart Battery Management System (BMS) closely monitors battery performance

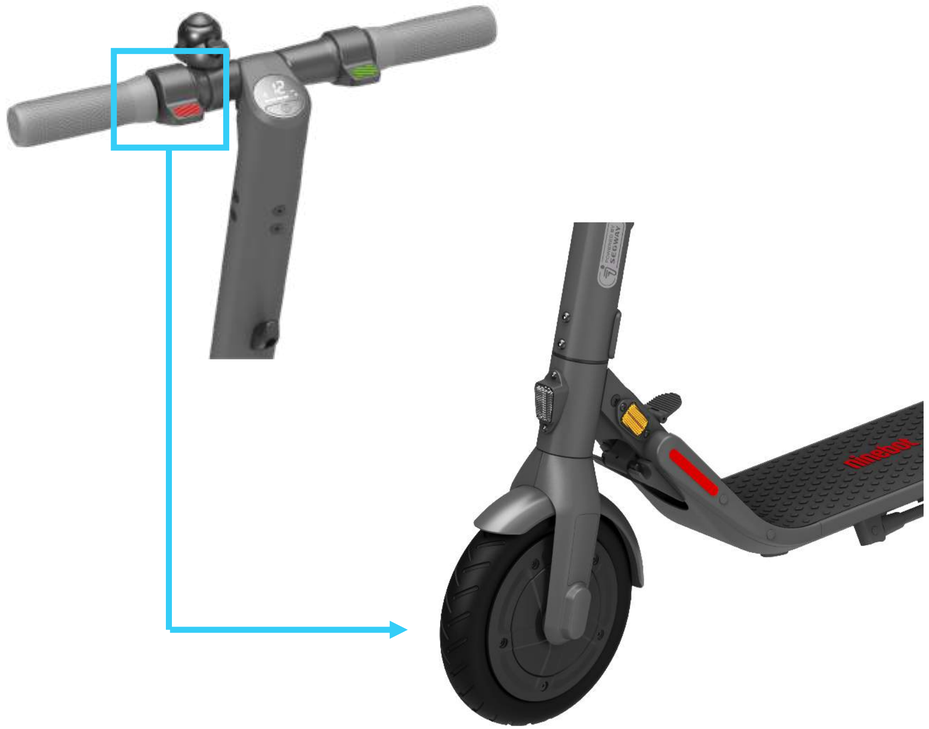
The Smart BMS will avoid:

- Overheating
- Short circuit
- Over-current
- Over charge and discharge

Eco-friendly system



Two Independent Brakes for E22E



Electronic brake

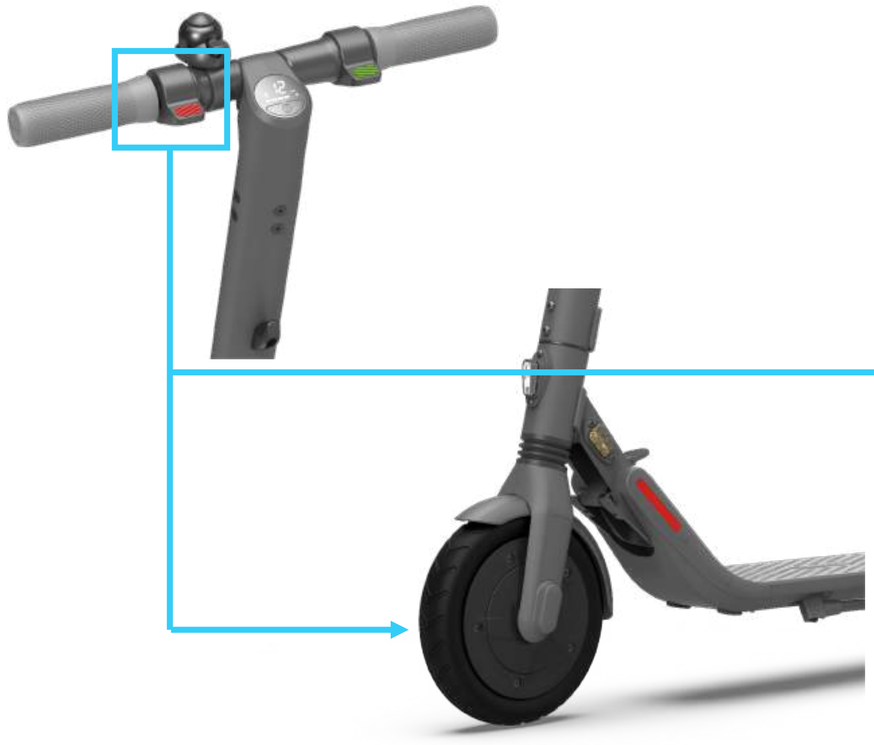
(front wheel)

Foot brake

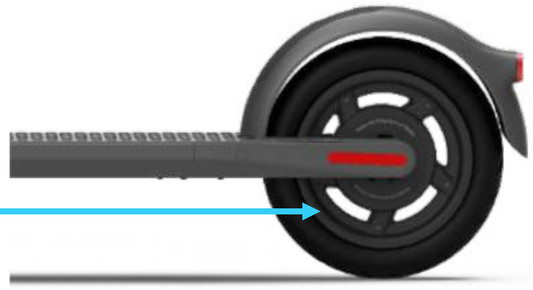
(rear wheel)

Offers more safety and stability

Three Brakes System for E25E and E45E



Electronic brake
(front wheel)



Magnetic brake
(rear wheel)

Foot brake
(rear wheel)

Offers more safety and stability

For Internal Use and Business Partners

Info Rider Dashboard

- An easy design dashboard to read on E22E/E25E/E45E
- LED display dashboard

For Internal Use and Business Partners

Different Colour Levers, Higher Quality Grip and Press Bell

- New colours for throttle and brake levers on E Serie compared to ES Serie
- A press bell is included in the box of all the E Serie
- The grip is higher quality on E Serie

KickScooter ES1

Levers' colour:

- Blue: throttle
- Grey: brake

Grip: soft without grip and not durable

KickScooter E22E/E25E/E45E

Levers' colour:

- Green: throttle
- Red: brake

Grip: durable and hard grip for a comfortable feeling and a longer lifetime

Strong & High Efficiency Motor

- Front-wheel drive for all three E Serie KickScooters
- Nominal: 300W
- Payload: 100 kg
- Generate sustainable propulsion for more challenging terrains
- Capable of up to 15% climbing angle depending on the riding condition
- Cruise control option for convenient longer distance travelling

For Internal Use and Business Partners

Water Proof/Water Resistance

- The total external and internal body of the E22E/E25E/E45E KickScooters are IPX4 protection approved:

  - ✓ Protected against the rain*
  - ✓ Enjoy the last mile in most weather conditions

E22E

*Not suitable for riding through puddles

Hands-Free Quick & Compact Folding

- Easy and more durable folding mechanism
- It doesn’t require hands, easy one-push folding system

With its lightweight, once folded the KickScooter is easy to carry :

- E22E : 13.5 kg
- E25E : 14.4 kg
- E45E : 16.4 kg

For Internal Use and Business Partners

Connect to Segway-Ninebot Mobile App

Connect the three KickScooters to the Segway-Ninebot Mobile App via Bluetooth connection

Through the App, it is possible to :

- Learn how to ride your vehicle
- Lock the KickScooter with the anti-theft function
- Manage speed limit and cruise control settings
- Get information on the KickScooter condition
- Download the latest Firmware for your KickScooter
- Join the Segway-Ninebot Community and share your experiences

Comparison with KickScooters ES1 vs. E22E

	Ninebot KickScooter ES1 by Segway	Ninebot E22E (Powered by Segway) EMEA Market
Appropriate age	14+	14+
Max. speed	20 km/h (12.4 mph)	20 km/h (12.4 mph)
	(+5 km/h upgradable with optional extra battery)	(+5 km/h upgradable with with optional extra battery)
Net weight	11.3 kg (24.9 lbs)	13.5 kg (29.8 lbs)
Max. range	25 km (15.5 miles)	22 km (13.7 miles)
	(+20 km, total 45 km with optional extra battery)	(+23 km, total 45 km with optional extra battery)
Product dimension	Unfolded: 102 × 43 × 113 cm	Unfolded: 111 x 42 x 112 cm
	Folded: 113 × 43 × 40 cm	Folded: 114 x 42 x 36 cm
Battery	187 Wh (5200 mAh)	184 Wh (5100 mAh)
Smart Battery Management System	Yes	Yes
Info display	Full info dashboard display	Full info dashboard display
LED Screen	LED (Speed, remaining power, modes, maintenance, bluetooth connection)	LED (Speed, remaining power, modes, maintenance, Bluetooth connection)
Brake	Electronic & Regenerative front brake and foot brake	Electronic & Regenerative front brake and foot brake
Shock absorbtion	Yes, front	No
Certified reflectors (E-MARK reflectors)	No	Yes
Lights	Front (1.5W high power)	Permanent Front (2.5W high power) and Rear lights
Brake lights rear	No	Yes, flickering light
Ambient lights	No	No
Tyres size	Solid Tyres (maintenance free)	Dual Density Tyres (maintenance free)
	Front: 20 cm / 8 inch	Front: 9 inch
	Back: 19.2 cm / 7.5 inch	Back: 9 inch
Max. climb angle	Up to 10%	Up to 15%
Max. driver weight	100 kg	100 kg
Available color	Black	Grey
Remote control via App	No	No
App monitor	Yes	Yes
Bluetooth	Yes	Yes
Water resistance	IP54	IPX4
Power output	250W	300W
Folding mechanism	Hands-free quick & compact fold	Hands-free quick & compact fold
Bell	No	Press Bell is included in the Box
Insurance plate holder	No	No
Cruise Control	Yes	Yes
Riding modes	3 riding modes (Eco, Standard, Sport)	3 riding modes (Eco, Standard, Sport)
Max. charging time	3.5 hours (excl. optional extra battery)	3.5 hours (excl. optional extra battery)

* Please at all times follow local road/traffic regulations in each country.

** Tested under optimum riding conditions

Comparison with KickScooters ES2 vs. E25E and E45E

	Ninebot KickScooter ES2 by Segway	Ninebot E25E (Powered by Segway) EMEA Market	Ninebot E45E (Powered by Segway) EMEA Market
Appropriate age	14+	14+	14+
Max. speed	25 km/h (15.5 mph)	25 km/h (15.5 mph)	25 km/h (15.5 mph)
	(+5 km/h upgradable with optional extra battery)	(stays at maximum speed 25km/h even with optional extra battery)	-
Net weight	12.5 kg (27.6 lbs)	14.4 kg (31.7 lbs)	16,4 kg (36.2 lbs)
Max. range	25 km (15.5 miles)	25 km (15.5 miles)	45 km (28 miles)
	(+20 km, total 45 km with optional extra battery)	(+20 km, total 45 km with optional extra battery)	-
Product dimension	Unfolded: 102 × 43 × 113 cm	Unfolded: 1166 x 42 x 117 cm	Unfolded: 116 x 42 x 117 cm
	Folded: 113 × 43 × 40 cm	Folded: 119 x 42 x 36 cm	Folded: 119 x 42 x 36 cm
Battery	187 Wh (5200 mAh)	215 Wh (5960 mAh)	368 Wh (10200 mAh)
Smart Battery Management System	Yes	Yes	Yes
Info display	Full info dashboard display	Full info dashboard display	Full info dashboard display
LED Screen	LED (Speed, remaining power, modes, maintenance, Bluetooth connection)	LED (Speed, remaining power, modes, maintenance, Bluetooth connection)	LED (Speed, remaining power, modes, maintenance, Bluetooth connection)
Brake	Electronic & Regenerative front brake and foot brake	3 brakes : electronic regenerative brake & foot brake & magnetic brake	3 brakes : electronic regenerative brake & foot brake & magnetic brake
Shock absorbtion	Yes, front & back	Yes, front	Yes, front
Certified reflectors (E-MARK reflectors)	No	Yes	Yes
Lights	Front (1.5W high power & Dual Rear light)	Permanent Front (2.5W high power) and Rear lights	Permanent Front (2.5W high power) and Rear lights
Brake lights rear	Yes, flickering light	Yes, flickering light	Yes, flickering light
Ambient lights	Yes, on-/off-/colour adjustable via App	Yes, on-/off-/colour adjustable via App	Yes, on-/off-/colour adjustable via App
Tyres size	Solid Tyres (maintenance free)	Dual Density Tyres (maintenance free)	Dual Density Tyres (maintenance free)
	Front: 20 cm / 8 inch	Front: 9 inch	Front: 9 inch
	Back: 19.2 cm / 7.5 inch	Back: 9 inch	Back: 9 inch
Max. climb angle	Up to 10%	Up to 15%	Up to 15%
Max. driver weight	100 kg	100 kg	100 kg
Available color	Dark grey	Grey	Grey
Remote control via App	No	No	No
App monitor	Yes	Yes	Yes
Bluetooth	Yes	Yes	Yes
Water resistance	IP54	IPX4	IPX4
Power output	300W	300W	300W
Folding mechanism	Hands-free quick & compact fold	Hands-free quick & compact fold	Hands-free quick & compact fold
Bell	No	Press Bell is included in the Box	Press Bell is included in the Box
Insurance plate holder	No	No	No
Cruise Control	Yes	Yes	Yes
Riding modes	3 riding modes (Eco, Standard, Sport)	3 riding modes (Eco, Standard, Sport)	3 riding modes (Eco, Standard, Sport)
Max. charging time	3.5 hours (excl. optional extra battery)	4 hours (excl. optional extra battery)	7.5 hours

* Please at all times follow local road/traffic regulations in each country.
** Tested under optimum riding conditions

Estimated Retail Prices

- E45E: 729 euro
- E25E: 549 euro
- ES2: 449 euro
- E22E: 449 euro
- ES1: 349 euro

E22E

E25E

E45E

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