

# ninebot KickScooter

by

## SEGWAY ES SERIES - ES1 MODEL

### Rider Requirements

Age 14+  
Height 3'11"-6'6" (120-200 cm)  
Weight 55-220 lbs (25-100 kg)

### Unit Dimensions

LxWxH - Unfolded 40x17x45 in (102x43x113 cm)  
LxWxH - Folded 45x17x16 in (113x43x40 cm)  
Weight ~25 lbs (11.3 kg)

### ES1 Specs

Max. Speed ~12 mph (20 km/h)  
Typical Range 15.5 miles (25 km)\*  
Max. Climbing Angle 10°  
Terrain Asphalt/flat pavement; obstacles < 0.4 in (1 cm); gaps < 1.2 in (3 cm)  
Operating Temp. 14-104°F (-10-40°C)  
Storage Temp. -4-122°F (-20-50°C)  
IP Rating IP54 Water Resistant

### Motors

Nominal Power 250 W  
Max. Power 500 W

### Battery

Max. Charge Time 3.5 Hours  
Nominal Voltage 36 VDC  
Max. Charging Voltage 42 VDC  
Charging Temperature 32-104°F (0-40°C)  
Nominal Capacity 187 Wh  
Battery Management System Over-heating, short circuit, over-current and over-charge protection

\*Depends on riding style and terrain.

