

	Item	Parameter
Product	Name	Ninebot S-Max
	Model	N3M432
	Dimensions <sup>(1)</sup>	(16.6–20.5) × 22.8 × (37.5–48.9) inch / (421–521) × 578 × (952–1242) mm <sup>(1)</sup>
Weight	Payload	88.2–220 lbs / 40–100 kg
	Net Weight	Approx. 50.3 lbs (22.8 kg)
Rider	Age	16–60 years old
	Height	51.2–78.7 in / 130–200 cm
Machine Parameters	Max. Speed	Approx. 12.4 mph (20 km/h)
	Typical Range <sup>(2)</sup>	Approx. 23.6 miles (38 km)
	Max. Slope	Approx. 15 °
	Traversable Terrain	Pavement, packed dirt, slopes < 15 °, 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	IP54
Battery	Charge Time	Approx. 4 hours
	Nominal Voltage	55.5 V DC
	Max. Charging Voltage	59.5 V DC
	Nominal Energy	432 Wh
	Charging Temperature	32–104°F (0–40°C)
Battery Management System	Over-voltage, under-voltage, short circuit, and over-heating protection. Auto-sleep and auto-wake.	
Motors	Nominal Power	500 W × 2
	Max. Power	2400 W × 2
Charger	Input Voltage	100–240 VAC
	Output Voltage	59.5 VDC
	Nominal Power	120 W
	Output Current	2 A
Tire	Tire	Tire width: 2.7 in (68 mm); 10 × 2.75 in, hollow solid tire