

		
model	S9 (Front and Rear Dual Suspension)	S9max
Number of motors	single motor	single motor
Mobile phone connectivity	Everything except SUB is available.	All
Types of lighting fixtures	Front LED lights, rear LED taillights	Front LED lights, rear LED taillights, turn signals
Waterproof rating	IP54	IP54
Seat shock absorption	Optional (side clip)	Optional (side clip)
Rear wheel shock absorbers	Hydraulic shock absorber	Hydraulic shock absorber
Front wheel shock absorbers		
Front/rear wheel motor power	Rated 350W - Peak 600W	Rated 800W - Peak 1000W
Front/rear tires	Solid honeycomb tires (can withstand nails)	Explosion-proof tubeless tires
Front and rear wheel brakes	Rear mechanical drum brake + Hall sensor	Front mechanical drum brake + Hall sensor
Gearbox	3 speed	3 speed

Maximum load	120kg	140kg
Battery Type	18650 lithium battery	18650 lithium battery
Battery capacity	6.0~7.8Ah	13Ah, 15.6Ah, 26Ah
Voltage	42v	42V
cruise control	have	have
Charging time	4h-8h	4h-10h
Acceleration method	Pressing the finger accelerates the wave.	Pressing the finger accelerates the wave.
Repair methods	Non-on-site repair	Non-on-site repair
The battery is removable.	Non-removable	Non-removable
Is it foldable?	Foldable	Foldable
size	Length 110cm, wheelbase 85cm, height 118cm, footrest length 56cm x width 15cm, chassis height 9cm, footrest height 15cm, handlebar length 42.5cm, folded height 46cm	Length 120cm, wheelbase 95cm, height 125cm, footrest length 65cm x width 17cm, chassis height 10cm, footrest height 18cm, handlebar length 48cm, folded height 50cm
net weight	13.5kg	18kg
Theoretical range	20-30km	40-70km

Theoretical speed	25-31km/h	25-31km/h
shape	Two wheels	Two wheels
wheel diameter	8.5 inches	10 inches
gear	1st, 2nd, and 3rd gears	1st, 2nd, and 3rd gears
Climbing ability	$\geq 30^\circ$	$\geq 30^\circ$
Body material	aluminum alloy	aluminum alloy
APP Functions	Battery level display, single trip mileage, total mileage, remaining range, driving trajectory, cruise control, light switch, start mode adjustment, mode settings, fault detection, speed limit settings for each gear, automatic shutdown setting, voltage, current, power, and battery temperature monitoring.	
Braking mode	Mechanical + E-ABS sensor	