

## Msuper pro Speed 100V Specification

### Appearance

Dimension	L*W*H=490*440*560
Dimension(footrests folded)	L*W*H=490*230*560
Wheel diameter	482mm
Footrest height	165mm
Net Weight	22kg / 25kg

### Performance

Safe cruising speed	20km/h
Cruising range	90~200km in real test(70kg rider at 20km/h)
Max climbing	35°in real test(90kg rider)
Max load	120kg
Motor	2300 W
Battery	1800wh/100V; 2250wh/100V

### Hardware

Battery	LG M50T 21700 + Samsung 50E 21700(add on)
Charger	100V/3A
Charging duration	3~6h
Tire	Skid resistance tire
Speaker	35W bluetooth speakers
Headlight	Double T6 headlights 24v
Heat dissipation	5W 24v strong heat sink fans
Anti-spin	Press the anti-spin switch, the wheel can't spin

### Protection

No-load speed	96km/h
Incline alarm	Automatically shut off to protect rider when wheel is leaning at 35° from forward to backward direction,45° from left and right direction
Speed alarm	30km/h,First class alarm: 2 beeps/sec
	35km/h,Second class alarm: 3beeps/sec
	80% motor output, 5 beeps/sec
Other alarm	low voltage, <7.2km/h, 2 beeps/sec
	low voltage,>7.2km/h,2beeps/2 sec
	low voltage, >14.4km/h, 3 beeps/2 sec
	hall malfunction, 2 beeps per 0.5 sec
	PCB overheat, 2 beeps(short)
	extreme low voltage, 1 beep/sec, totally 5 beeps
	fall down, 1 beep/sec, totally 5 beeps
over voltage, 3 beeps/2sec	
Main board overheat alarm	Main board temperature>80℃,urgent beeps from the wheel,footrests start lifting backward.

### Special feature

Calibration	Use APP ,to set horizontal level or any footrest angle at your choice
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