

## POSTSCOOTER

choose the ideal configuration depending on your range needs

models	Postscooter	Postscooter Extended Range	Postscooter Long Range
nominal voltage	36 Volt	36 Volt	48 Volt
number of batteries	2	3	4
range <sup>1</sup>	60 km - 38 miles	90 km - 56 miles	120 km - 75 miles
charging time on board charger	2 - 3 hrs	3 - 4 hrs	4 - 5 hrs
charging time external fast charger	1 – 1,5 hrs	1,5 - 2 hrs	2 – 2,5 hrs
weight	121 kg - 266 lb	136 kg - 300 lb	151 kg - 333 lb

## TECHNICAL FEATURES

performance	max speed	45 km/h - 28 mph
	acceleration	0-40 km/h - 0-24,8 mph = 6,0 seconds
	reverse	adjustable speed
	braking	regenerative braking front drum-brake Ø 110 mm and rear disc brakes
	tires	100/80 - 10 53J (front) 120/70 - 12 51P or 120/70 - 12 58P (rear)
	fork	telescopic fork
	suspension	Paioli shocks adjustable in 4 clicks (15 kg - 33 lb per click)

battery	battery type	Saphion®Lithium-ion (Lilon)
	rated battery capacity	100 Ah
	rated battery voltage	12 V
	on-board charger	max power - 1kW; max absorbed current – 6,8 Aeff
	recharge requirements	110V-220V (50/60Hz)
	estimated battery life	in excess of 4 years

<sup>1</sup> urban driving

## TECHNICAL FEATURES

<b>motor</b>	<b>motor type</b>	Direct Drive brushless electric motor
	<b>peak power</b>	4,0 kW @ 3000 rpm
	<b>max current</b>	219 Amps
	<b>max torque</b>	150Nm
	<b>power booster</b>	steady motor voltage – 65 V

<b>electronics</b>	<b>controller</b>	DSP & MOSFET based all-digital electronic control and motor drive system
	<b>instrumentations</b>	LCD display: speed, odometer, trip mileage, time, system status, battery status and charging status
	<b>communications</b>	Controller Area Network (CAN) – RS 485 systems diagnostics and communication

<b>dimensions</b>	<b>wheelbase</b>	1300 mm – 52 inches
	<b>seat height</b>	2 versions: 800 mm - 31 inches; 700 mm - 28 inches
	<b>wheels</b>	front 10 inches rear 12 inches
	<b>under seat capacity</b>	3 kg - 6 lb full-faced helmet

<b>front box</b>	<b>storage capacity</b>	20 kg - 44 lb
	<b>max length</b>	450 mm - 18 inches
	<b>max width</b>	450 mm - 18 inches
	<b>max height</b>	500 mm - 20 inches

<b>rear box</b>	<b>storage capacity</b>	75 kg - 165 lb
	<b>max length</b>	620 mm - 26 inches
	<b>max width</b>	780 mm - 31 inches
	<b>max height</b>	710 mm - 28 inches

<b>customization</b>	<b>front box</b>	box on demand; adjustable height, size and gradient of pannier
	<b>rear box</b>	on demand
	<b>seat height</b>	optional lower seat
	<b>horn</b>	optional courtesy sound
	<b>color</b>	all RAL available
	<b>pc connectivity</b>	adjustable parameters: speed, acceleration, reverse, braking, peak power, max current, max torque, instrumentation

<b>other</b>	<b>frame</b>	tubular, high strength steel
	<b>warranty</b>	24 months
	<b>emissions</b>	zero