

Battery	120SD	120LD	120LD Plus
<b>Battery Concept</b>	Silicone	Lithium	Lithium
<b>Battery Capacity</b>	48 V / 60 Ah	48 V / 52 Ah	48 V / 104 Ah
<b>Battery Weight</b>	100 Kg	22 Kg	39 Kg
<b>Charging time</b>	3 - 5 hours	2 - 3 hours	5 hours
<b>Life Cycle</b>	~ 300 Deep Charges	~ 1000 Deep Charges	~ 1000 Deep Charges
<b>Charge Input Voltage</b>	110 V / 220 V	110 V / 220 V	110 V / 220 V

Motor	//		
<b>Motor (Max. Power)</b>	4000W	4000W	4000W
<b>Reverse function</b>	13' high torque maintenance free motor	13' high torque maintenance free motor	13' high torque maintenance free motor

Performance	///		
<b>Maximum Speed</b>	65 Km/h	70 Km/h	70 Km/h
<b>Distance Range</b>	40 - 90 Km	40 - 90 Km	70 - 130 Km
<b>Climbing Capacity (with/ 75 kg load)</b>	22%	25%	25%
<b>Stop and Go</b>	22%	25%	25%

Basic Info.	////		
<b>Weight</b>	200 Kg	125 Kg	145 Kg
<b>Tyres</b>	130/60-13"	130/60-13"	130/60-13"
<b>Brakes</b>	Disc brake	Disc brake	Disc brake
<b>Front/Rear Shock Absorber</b>	Oil/Gas	Oil/Gas	Oil/Gas
<b>Dimension (mm)</b>	2020 x 720 x 1280 mm	2020 x 720 x 1280 mm	2020 x 720 x 1280 mm
<b>Wheelbase</b>	1385 mm	1385 mm	1385 mm
<b>Ground Clearance</b>	150 mm	150 mm	150 mm
<b>Maximum Payload</b>	150 kg	220 kg	200 kg
<b>Rear Box</b>	30 kg	30 kg	30 kg
<b>Front Rack and Basket</b>	3 kg	3 kg	3 kg

### Standard Accesories

Rear Box 90 litres isothermic, Front basket, Windshield, Handlevers protection, 2 sides stands.

### RUNNING & MAINTANCE COST COMPARISON

	1.000 Km	4.000 Km	7.000 Km	10.000 Km	13.000 Km	16.000 Km	19.000 km	SUB TOTAL	TOTAL
<b>Scooter 50 - 125 cc</b>	<b>Maintenance</b>		Oil Oil filter Roller C. Clutch	Oil, Oil filter Plug, Valve adjust Air filter	Oil Oil Filter Clutch belt	Oil, Filter Complete clutch	Oil, Filter Plug, Valve Air filter Muffler		€ 2.383
	4 stroke engine	Oil Filter 100,00	Oil Filter 100,00	180,00	200,00	225,00	280,00	310,00	
	Average CONSUMPTION city 4 litres / 100 Km. Price: 1.3€/ Litre	52,00	156,00	156,00	156,00	156,00	156,00	€988,00	
<b>Scooter 120D</b>	<b>Maintenance</b>					Change Battery			€ 1.166
	120D Silicon	0,00	150	0,00	150	0,00	600	0,00	
	You need 5,2kw/h for one Charge One charge equals to 50 km at 70km/h	14,00	42,00	42,00	42,00	42,00	42,00	42,00	€266,00

Not included in this comparison the tyres and pads cost

Average cost electric scooter 0.6 €/100 km at 45km/h

[www.vmoto.eu](http://www.vmoto.eu)

[www.e-max-scooter.com](http://www.e-max-scooter.com)

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**120D DELIVERY**



**ZERO EMISSIONS**  
**AVAILABLE IN LITHIUM OR SILICON BATTERIES**



Rear Box with Backrest



Reverse gear, Multipurpose Front Rack and Parking Brake



Two sides kickstand

Integrated Cargo Box



In-wheel Motor

Battery

Disk Brakes

**90 Litre Cargo Capacity & Isothermic**



Local Police Configuration



First 125 units for the Spanish Postal Service (29.Sep.2010)