

Battery	120SD	120LD	120LD Plus
Battery Concept	Silicone	Lithium	Lithium
Battery Capacity	48 V / 60 Ah	48 V / 52 Ah	48 V / 104 Ah
Battery Weight	100 Kg	22 Kg	39 Kg
Charging time	3 - 5 hours	2 - 3 hours	5 hours
Life Cycle	~ 300 Deep Charges	~ 1000 Deep Charges	~ 1000 Deep Charges
Charge Input Voltage	110 V / 220 V	110 V / 220 V	110 V / 220 V
Motor //			
Motor (Max. Power)	4000W	4000W	4000W
Reverse function	13' high torque maintenance free motor	13' high torque maintenance free motor	13' high torque maintenance free motor
Performance ///			
Maximum Speed	65 Km/h	70 Km/h	70 Km/h
Distance Range	40 - 90 Km	40 - 90 Km	70 - 130 Km
Climbing Capacity (with/ 75 kg load)	22%	25%	25%
Stop and Go	22%	25%	25%
Basic Info. ////			
Weight	200 Kg	125 Kg	145 Kg
Tyres	130/60-13"	130/60-13"	130/60-13"
Brakes	Disc brake	Disc brake	Disc brake
Front/Rear Shock Absorber	Oil/Gas	Oil/Gas	Oil/Gas
Dimension (mm)	2020 x 720 x 1280 mm	2020 x 720 x 1280 mm	2020 x 720 x 1280 mm
Wheelbase	1385 mm	1385 mm	1385 mm
Ground Clearance	150 mm	150 mm	150 mm
Maximum Payload	150 kg	220 kg	200 kg
Rear Box	30 kg	30 kg	30 kg
Front Rack and Basket	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
Scooter 50 - 125 cc	Maintenance	Oil Filter	Oil Filter	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	100,00	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	
Scooter 1200D	Maintenance	0,00	150	0,00	150	0,00	600	0,00	€ 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	€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

www.e-max-scooter.com

C/ Santiago Russinyol 18-20, 08950 Espplugues, Barcelona [Spain]

t. 00 34 933 722 966



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)