

	VX-3 Li+
PERFORMANCE	
Maximum speed	68 mph / 110 km/h
Acceleration	0-50 mph / 0-80 km/h in 8.25 seconds
Range	50 to 80 miles / 80 to 128 kilometers*
Throttle	Patented Multi-Function Throttle provides regenerative braking and slow-speed reverse
COMPONENTS	
Braking	Front and rear disc brakes
Tires	Pirelli: GTS23 120/70-12 (Front) Pirelli: GTS24 140/60-13 (Rear)
Front Suspension	Patented Articulating Front Suspension
Rear Suspension	Sachs twin shocks: preload adjustable
Chassis	Lightweight aircraft-aluminum frame
Battery	Lithium Iron Phosphate (LiFePO4)
BATTERY	
Capacity	5.4 kWh
Voltage	128V
Charger	1.5 kW on-board battery charger, 110V-220V (50/60Hz)
Recharge Time	4 to 6 hours, plus equalization, as needed
Discharge Cycles	1,600
Estimated Life	10 years or 50,000 miles / 80,000 kilometers
MOTOR AND GEARBOX	
Motor Type	Brushless DC, radial air-gap rear-hub motor
Power	Peak power 21 kW (28.2 HP) at motor shaft,
Torque	Maximum torque: 65 Nm (47.9 ft/lbs)
Gearbox	Integrated rear-wheel mounted planetary gear drive
ELECTRONICS	
Controller	DSP & IGBT based all-digital electronic control and motor drive system
Instrumentation	Central analog display and two side LCDs show speed, odometer, battery charge, estimated range and system status
Data system	Controller Area Network (CAN), Systems diagnostics and communication via laptop interface
DIMENSIONS	
Weight	525 lbs / 238 kg
Wheelbase	60" / 1524mm
Seat Height	30.5" / 775 mm
Storage Capacity	Under-seat: 1.41 cu ft (1 full-faced helmet); Glove compartment: .21 cu ft; Optional top case: up to 1.66 cu ft
Carrying Capacity	2 passengers (GVWR = 938 lbs / 425 kg)
WARRANTY	24 months
EMISSIONS	Pollutants: Zero. CO2: Zero. Exhaust Noise: Zero

UNPLUG AND PLAY

VECTRIX ZERO – EMISSION VEHICLE FEATURES

Powerful and fast – Rapidly accelerates to a top speed of 68 mph / 110 km/h.

Superior handling due to a low center of gravity, quality components and even weight distribution.

Range up to 50-80 miles / 80-128 km* on a single charge, due to battery pack energy density and our unique regenerative braking technology.

All-electric with zero emissions,** no need for oil or gas, and virtually silent operation. Plugs into any standard outlet and charges battery to 80% capacity in 2.5 hours.

Low Maintenance – with no oil, no filters, and no clutch your cost of ownership is minimal.

Cost-effective at less than 1¢ per mile† to operate. The on-board batteries have an estimated lifespan of 10 years (based on 5,000 miles / 8,000 kilometers per year operation).

* Speeds and range vary based on riding conditions and operation.
** This vehicle produces zero emissions during operation.
*** All Specifications subject to change without notice.
† Based on a cost of 10.97 cents per kWh.

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VECTRIX™

VX-3 Li+

All Electric



The Vectrix VX-3 Li+:

Unplug and Play

- Energy cost: About 1 cent a mile*
- Range: up to 50-80 miles / 80-128 kilometers (Depending on speed, rider weight and driving habits.)
- Top speed: 68 mph / 110 km/h
- Pollution: Zero
- Carbon Emissions: Zero
- Noise: Nearly Silent



Charging:
Any 110-Volt Outlet.
Charging Time: 2.5 Hours (to 80%)

Shocks:
Sachs Dual Rear

Planetary Gear Drive:
Rear-Wheel-Mounted

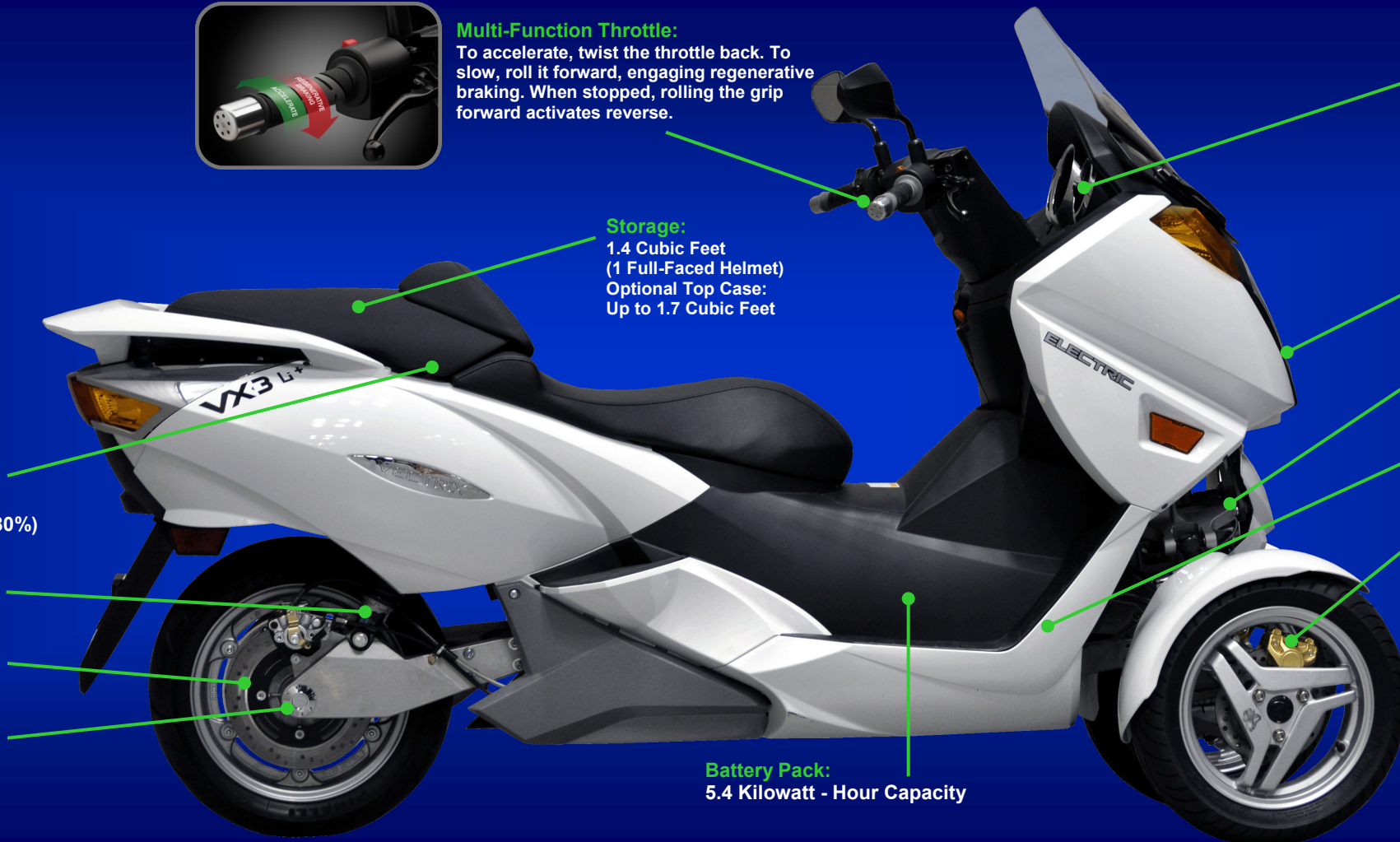
Radial Air-Gap DC Motor:
28.2 Horsepower Brushless



Multi-Function Throttle:
To accelerate, twist the throttle back. To slow, roll it forward, engaging regenerative braking. When stopped, rolling the grip forward activates reverse.

Storage:
1.4 Cubic Feet
(1 Full-Faced Helmet)
Optional Top Case:
Up to 1.7 Cubic Feet

Battery Pack:
5.4 Kilowatt - Hour Capacity



Instrumentation:
Vital functions are shown in a high-tech display, with system status on the left, battery charge on the right, and an analog speedometer placed front and center.



Headlight:
Dual Filament 35W (High/Low Beam)



Front Suspension:
Patented Articulating Suspension

Aluminum Frame:
Strong, Lightweight

Brakes:
Front and Rear Disc



Available Colors:



*Energy cost based on US-average electricity cost of 10.97 cents per kWh.