



# VECTRIX™

## News Release

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### For Immediate Release

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## **VECTRIX VX-1 Li+ Named to Scientific American's "Annual Gadget Guide: 10 Reasons to Fondly Remember 2011"**

### **Clean Energy VECTRIX VX-1 Li+ One of 10 High-tech Products Selected for the Magazine's Prestigious Products of the Year for 2011**

**New Bedford, MA—December 12, 2011**—VECTRIX, the leader in two-wheeled and three-wheeled electric vehicles, will announce that their Lithium-powered flagship vehicle, the Vectrix VX-1 Li+, has been selected by Scientific American magazine's "Annual Gadget Guide" for 2011. The story, entitled "Annual Gadget Guide: 10 Reasons to Fondly Remember 2011", features 10 revolutionary high-tech products selected by Scientific American magazine as gadgets of the year for 2011.

Story link: (<http://www.scientificamerican.com/slideshow.cfm?id=sci-am-2011-gadget-guide#8>)

The revolutionary 42 amp hour (Ah) Lithium Iron Phosphate (LiFePO<sub>4</sub>)-powered two-wheeled VECTRIX VX-1 Li+ features two of VECTRIX's patented systems—VECTRIX™ Regenerative Throttle and VECTRIX™ Planetary Gear Drive. The 42 Amp hour (Ah) version of the electric VX-3 Li+ is capable of speeds up to 68 mph (110 km/h) and accelerates to 0-50 mph (0-80 km/h) in 6.25 seconds. With low maintenance and operating costs, the VECTRIX VX-1 Li+ is an ideal way for consumers to move about daily while dramatically reducing their cost per mile. It will also become a valuable tool due to its low cost of operation, reliability, and stable platform for Fleet customers in Law Enforcement, Security, and Postal agencies.

"We at Vectrix are so proud to have our Vectrix VX-1 Li+ named to Scientific American's Annual Gadget Guide for 2011. Making any 'Product of the Year' list is rewarding, let alone being named to one written by such a respected publication like Scientific American," said Brian Buccella, Vectrix Vice President of Sales and Marketing. "It has been a remarkable year for the Vectrix VX-1 Li+ as it also received 'European e-Scooter of the Year' back in May 2011. Accolades like these prove that Vectrix core technologies available in our Vectrix VX-1 Li/Li+, VX-2 and VX-3 Li+ are world-class and offer our

customers real-world performance, range, and excitement.”

**VX-1 Li/Li+:** In addition to Scientific American’s “Annual Gadget Guide: 10 Reasons to Fondly Remember 2011”, the VECTRIX VX-1 Li/Li+ was also awarded the “European e-Scooter of the Year” by Belgium’s Circuit Zolder’s CleanWeek 2020 in May 2011. Perfect for commuting and touring, the zero-gas emission VX-1 Li and Li+ are the latest generation of VECTRIX’s flagship vehicle, the VX-1. The clean energy VECTRIX VX-1 now offers two new lithium battery options—the VX-1 Li—a 30-amp hour battery, and the VX-1 Li+—a 42-amp hour battery. At an estimated electrical recharge cost of one cent per mile, the VX-1 Li and Li+ reduce operating costs while increasing personal transportation efficiency.

**Key Features of the VECTRIX VX-1 Li/Li+:**

- All-electric with zero emissions—no need for oil or gas, and virtually silent operation. Plugs into any 110V/220V standard outlet and charges battery to 80% capacity in 2.5 hours.
- Powerful and fast—Rapidly accelerates to a top speed of 68 mph (110 km/h). Zero to 50 mph (0-80 km/h) in as little as 6.0 seconds.
- Range up to 55-85 miles (88-136 km) on a single charge, due to battery pack energy density and our unique regenerative braking technology [*depending on speed, rider weight, and driving habits*].
- Superior handling due to a low center of gravity, quality components, and even weight distribution.
- Low Maintenance—with no oil, no filters, and no clutch your cost of ownership is minimal.
- Patented VECTRIX™ Multi-Function Throttle provides regenerative braking to maximize range possibilities and a slow-speed reverse for greater maneuverability and easy parking
- Patented VECTRIX™ integrated rear-wheel mounted single stage planetary gear drive.
- Low noise for reduced sound pollution

**VX-2:** The VECTRIX VX-2 was awarded the “European e-Scooter of the Year” by Belgium’s Circuit Zolder’s CleanWeek 2020 in May 2011. The all-new VX-2 is designed to be the ideal choice for shorter trips—from across town to across campus. The alternative energy VX-2 is the perfect machine for lower-speed urban, neighborhood, and small-town trips. The VX-2 is the electric equivalent of a 50cc internal combustion engine and is smaller and slimmer than other VECTRIX models.

**Key Features of the VECTRIX VX-2 Scooter:**

- All- electric with zero emissions—no need for oil or gas, and virtually silent operation. Plugs into any standard 110V/220V outlet and charges battery between 3.5 – 5 hours.
- Zero carbon emissions during operation.
- Low Maintenance—with no oil, no filters, and no clutch, your maintenance requirements are minimal.
- Range of up to 40-55 miles (64-88 km) due to our unique regenerative braking technology. [*depending on speed, rider weight, and driving habits*].
- Top speed of 30 mph (45 km/h).
- Acceleration 0-30 mph (0-45 km/h) in 7 seconds.

- Patented Vectrix™ Multi-Function Throttle provides regenerative braking to maximize range possibilities and a slow-speed reverse for greater maneuverability and easy parking.
- Low noise for reduced sound pollution.

**VX-3 Li+**: The VECTRIX VX-3 Li+ is perfect for urban and suburban commuters along with Fleet markets like Law Enforcement, Security, and Postal/Cargo Delivery agencies. The zero-gas emission VX-3 Li+ is the latest off-shoot from VECTRIX's original flagship vehicle, the two-wheeled VX-1. The clean energy Vectrix VX-3 Li+ has 42-amp hour lithium battery system. At an estimated electrical recharge cost of one cent per mile, the VX-3 Li+ reduces operating costs while increasing personal transportation efficiency.

#### **Key Features of the VECTRIX VX-3Li+:**

- All-electric with zero emissions—no need for oil or gas, and virtually silent operation. Plugs into any 110V/220V standard outlet and charges battery to 80% capacity in 2.5 hours.
- Powerful and fast—Rapidly accelerates to a top speed of 68 mph (110 km/h). Zero to 50 mph (0-80 km/h) in as little as 8.25 seconds.
- Range up to 50-80 miles (80 to 128 km) on a single charge, due to battery pack energy density and our unique regenerative braking technology [*depending on speed, rider weight, and driving habits*].
- Superior handling due to a fully-articulating front suspension, low center of gravity, quality components, and even weight distribution.
- Low Maintenance—with no oil, no filters, and no clutch your cost of ownership is minimal.
- Patented VECTRIX™ Multi-Function Throttle provides regenerative braking to maximize range possibilities and a slow-speed reverse for greater maneuverability and easy parking
- Patented VECTRIX™ integrated rear-wheel mounted single stage planetary gear drive.

#### **Low noise for reduced sound pollution About Vectrix™:**

VECTRIX™ ([www.vectrix.com](http://www.vectrix.com)) was formed to develop and commercialize zero emission vehicle platform technologies. The single focus of VECTRIX™ has been to provide clean, efficient, reliable, and affordable urban transportation. VECTRIX™ zero emission vehicles are targeted to both consumers and government fleets. VECTRIX™ has facilities in New Bedford, MA and Wroclaw, Poland. For more information, please visit [www.vectrix.com](http://www.vectrix.com), email [media@vectrix.com](mailto:media@vectrix.com), or call (508) 717-6510.

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**VECTRIX  
VX-3 Li+**

