



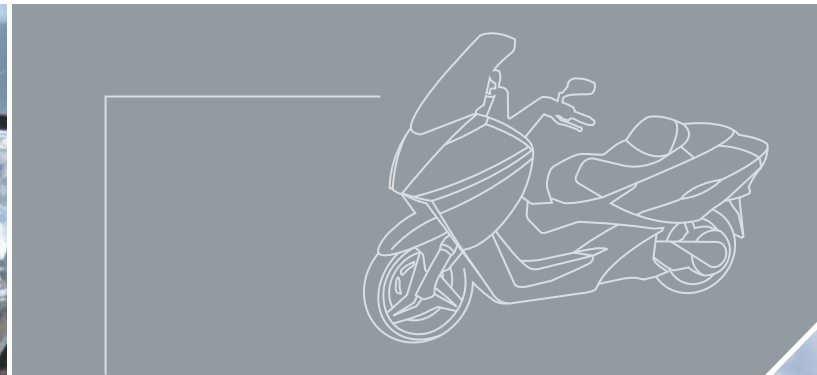
VECTRIX™

ZERO-EMISSION VEHICLE



MAXIMUM PERFORMANCE. ZERO EMISSIONS.

ARMORIT™
AUTHORIZED DISTRIBUTOR



JOIN THE REVOLUTION

A revolution has started—a revolution against traffic congestion, pollution, parking hassles, inflexible public transportation, high oil prices... But this revolution will be quiet!

Introducing the Vectrix Zero-Emission Vehicle (ZEV)—a revolution in urban transportation. It's the world's first high-powered electric two-wheel vehicle designed specifically to compete with large gasoline-powered scooters. It offers breathtaking acceleration, low running costs, minimal maintenance, simple operation, low noise, and zero emissions.

The Vectrix ZEV is the perfect solution for urban commuters. Its top speed of 62 mph and fast acceleration make it easy and safe to zip in and out of traffic. The onboard charger plugs into any standard electrical outlet to quickly charge the batteries. With ample storage and long range, the Vectrix ZEV will more than satisfy your commuting and recreational needs.

It's fun to ride and easy to operate. A low center of gravity and stiff frame provide excellent handling, and the patented throttle-activated regenerative braking system slows the Vectrix ZEV smoothly and safely. Parking is a breeze with the slow-speed reverse function.

Vectrix uses innovative zero-emission technology to offer a clean, quiet, and much-needed alternative to existing gasoline-powered, two-wheel vehicles.



OUTSTANDING PERFORMANCE

- **Fast** – A top speed of 62 mph.
- **Rapid Acceleration** – 0-50 mph in 6.8 seconds.
- **Extended Range** – Up to 55 miles on a single charge.
- **Excellent Handling** – A low center of gravity, stiff frame, and even weight distribution provide superior handling.

EASY TO USE

- **Stop and Go with One Hand** – Simply twist the throttle for instant acceleration, and twist it forward to slow down smoothly and safely. During braking, the patented regenerative braking system (DAaRT™) redirects energy back into the battery pack, which helps to extend the range by up to 12%.
- **Easy to Park** – The multi-function throttle also controls a slow-speed reverse function—making it easy to maneuver in and out of tight parking spaces.
- **Quick to Charge** – The on-board charger plugs into any standard 110/220V power outlet and recharges the battery pack (80% charge) in just two and a half hours.
- **Practical** – The under-seat compartment accommodates a full-sized helmet, and the glove box provides additional storage. Cell phones and other electronic devices can be charged from the integrated 12-volt power outlet.

ENVIRONMENTALLY FRIENDLY

- **Zero Emissions** – The Vectrix ZEV is emission free, whereas gasoline scooters can produce up to ten times the pollution of the average automobile!
- **Low Noise** – The Vectrix ZEV is virtually silent.

COST EFFECTIVE

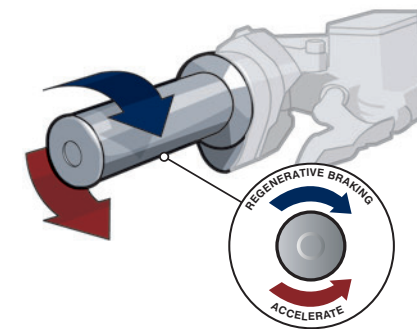
- **Low Running Costs** – Electricity is one-tenth of the cost of gasoline.
- **Minimal Maintenance** – Many of the key components of the Vectrix are sealed and maintenance free. You'll never have to change oil or replace filters again.
- **Long Battery Life** – The Nickel Metal Hydride (NiMH) battery pack has an estimated life of up to 10 years based on 5,000 miles per year.



VECTRIX IS COMMITTED TO DELIVERING VEHICLES THAT ARE CLEAN, AFFORDABLE, AND FUN TO DRIVE. WE INVITE YOU TO COME ALONG FOR THE RIDE.



MULTI-FUNCTION THROTTLE WITH "REGEN ENGINE BRAKING"



THE VECTRIX ZEV OUTPERFORMS TRADITIONAL GASOLINE-POWERED SCOOTERS:

ATTRIBUTES	VECTRIX	GAS SCOOTER
ACCELERATION	EXCELLENT	GOOD
OPERATING COSTS	VERY LOW	HIGH
MAINTENANCE	MINIMAL	HIGH
EMISSIONS	ZERO	HIGH
NOISE	QUIET	NOISY
GOVT. SUBSIDIES	YES	NO
TECHNOLOGY	SUNRISE	SUNSET
GROWTH POTENTIAL	HIGH	MEDIUM

AVAILABLE COLORS:





VECTRIX ELECTRIC SPECIFICATIONS

PERFORMANCE	Max Speed	62 mph
	Acceleration	0-50 mph in 6.8 seconds 0-31 mph in 3.6 seconds
	Range DAaRT™	35-55 miles* Patented multi-function throttle (DAaRT™) provides regenerative braking and slow-speed reverse
COMPONENTS	Braking	Front and rear Brembo disc brakes
	Tires	Pirelli: GTS23 120/70-14 (Front) Pirelli: GTS24 140/60-13 (Rear)
	Fork Suspension Frame	Marzocchi Telescopic Fork Sachs Twin Shocks Lightweight Aluminum Frame
BATTERY	Battery Type	Nickel Metal Hydride (NiMH)
	Capacity	3.7 kW-h
	Voltage	125V
	Charger	1.5 kW on-board battery charger 110V-220V (50/60Hz)
	Recharge Time Discharge Cycles Estimated Life	2½ hours (80%) 1,700 10 years or 50,000 miles
MOTOR & GEARBOX	Motor Type	Brushless DC, radial air-gap motor
	Power	Peak power 21 kW at motor shaft Maximum continuous power: 5.1HP (3.8 kW)
	Torque	Maximum torque: 65 Nm Maximum continuous torque: 23 Nm
Gearbox	Coaxial integrated rear-wheel mounted planetary gear drive	
ELECTRONICS	Controller	DSP & IGBT based all-digital electronic control and motor drive system
	Instrumentation	One central analog display and two side LCDs show speed, odometer, battery charge, estimated range and system status
	Communications	Controller Area Network (CAN) Systems diagnostics and communication via laptop interface
DIMENSIONS	Weight	515 lbs
	Wheelbase	60"
	Seat Height	30.5"
	Wheels	Front: 14", Rear: 13"
	Storage Capacity	Under-seat: 1.41 cu ft. (1 full-faced helmet) Glove compartment: .21 cu ft. Top case: up to 1.66 cu ft.
Carrying Capacity	2 passengers	
OTHER	Warranty	24 months
	Emissions	Polluting: Zero CO2: Zero Acoustic: Negligible

* Under normal driving conditions. Results may vary.



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1060 Commerce Blvd N.
Sarasota, FL 34243
+ 941.360.2101
+ www.armorit.com