



# Princeton Research Incorporated

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## One of the Best Electric Vehicle Investments in the Market

**Leo  
MOTORS, Inc.**

### Highlights

- LEOM.PK
- Shares Outstanding
- Pure "Green" company with environmentally friendly manufacturing facilities.
- The Only Sustainable EV Power Train Supplier in the World.
- Produce 0% emission electric vehicles that are 100% recyclable.

### Leo Shares are significantly undervalued

*Leo Motors, Inc.* (OTC:LEOM) is the only company in the world that develops, manufactures and markets premium Electric Vehicle Power Systems that include electric engines, digital controllers, and 12th generation Lithium Polymer Battery **Power Packs**. *LEO* proved that it can make sustainable Electric Vehicles (EV) and Plug-in Hybrid Electric Vehicles (PHEV) by producing passenger cars, SUV's, motor cycles, and buses using these types of power trains.

*LEO* has finished the development of a full array of power trains including: 1.5 kW, 7 kW and 15 kW systems for **electric bikes**; 30 kW for middle speed neighborhood vehicles (NEV); 60 kW for **passenger cars & SUV's** under the 2 liter engine category; 120 kW for **full-size passenger cars, mid-sized trucks & buses** and also 240 kW for **electric sports-cars, heavy-duty trucks & buses**. For various sizes of PHEV's, *LEO* is developing the highly efficient electricity generating motors and common rail diesel engine systems. Existing generators are not energy efficient and they are too big to be accommodated by the cars.

### Electric Vehicle (EV) Technology

*LEO* is also positioned to achieve global leadership in the market of EV's with their proprietary technology and pending patents. Underway, *LEO* has developed key EV technologies including: *Multi Layer Motors, Multi Motor System, Multi Channel Battery Management System (BMS), EV driving Mode Solutions, 12th Generation Lithium Polymer Power Pack, ZAF Power Pack, Zinc Hybrid Car, Wind Turbine Generator, Waterproof System for Air Cooled Power Pack, PHEV Conversion kits, Copper Plate Power Motors, High Power Brushless DC motors, Double Magnetic BLDC Motors and Solar Cell Car Painting System*. The company's **Power Pack** is being sold in Japan in which orders and profits are anticipated to be significant. *LEO's ZAF Power Pack* is positioned to replace the engine generators in PHEV.

Also, this spring, there was a successful test completed to convert mid-size highway EV's. The conversion solution was completed on *Kia's "Morning"* car model. The *Kia* EV conversion reached 100 MPH at a rate of 0-60 in 6 seconds. The car was also able to achieve a range of 150 miles on a single charge. The achievement of this development is that it can pass *ICE* (internal combustion engine) cars at highway speeds-no other known EV has been able to do this! The conversion can be applied to most small and mid-size vehicle platforms for almost any manufacturer and can be used for both city and highway driving.

*LEO's* invention and technology will no doubt rewrite automobile history. *LEO's* core technology is continuous torque and power whipping modes. The modes can make *LEO's* EV's surpass *ICE* (Internal Combustion Engine) vehicles at high speeds and up steep inclines. *LEO's* core assets are in the development of various power train kits made from evolutionary technology such as 1.5 kW, 7kW, 15kW, 30kW, 60kW 120 kW and 240 kW power train systems, including motors, digital controllers, BMS and battery **Power Packs**. *LEO* is producing electric scooters, motorcycles, passenger cars and military vehicles with their power train kits. *LEO* is also developing a 240kW power kit to utilize in heavy duty vehicles, like electric buses, trucks and farm vehicles.

*Leo Motors* conversion technology can conceivably be superior among other market competition. *LEO* uses safer, explosion resistant, 12th generation Lithium Polymer Cells. The lithium **Power Pack** has a charger and multi-BMS (Battery Management System), that increases battery life and power train energy. *The Multi-Motor and Multi-Layer technology* *LEO* uses helps create a higher-powered, safer and energy-efficient vehicle. The company's information and digital technology manages charge/discharge of each battery cell in the Power Pack that controls the power. *LEO's* Lithium Polymer **Power Packs** are 1.2-120 kW/h, water cooled AC, PMSM, BLDC motors with matching controllers.

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"The US government is saying that there will be 1 million EV's on the road by 2015; "Realistically manufacturers could each be selling 80,000—100,000 EV's by 2013."

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Mike King is the President and chief economist of Princeton Research, Inc. of Nevada. He has over 45 years of cumulative experience beginning as a broker/trader to consulting corporations on financial matters. Mike later evolved into investment banking and corporate finance for private and public companies. His propensity over the years has been specializing in economic analysis of public companies, equities, derivatives, and physicals or cash market trends throughout the world.

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## Motorcycle Technology

New motorcycles and scooters have been introduced by *LEO* in mass production. *LEO's* scooters and motorcycles are the first sustainable electric bikes in the world. They have digital vehicle technologies-such as drive-power control modules and ultra-balance BMS to make the bike sustainable. Existing motorcycles and scooters cannot climb high hills because they don't have enough power and also are not cost-effective. *Leo's* patented power mode creates a higher torque which controls the RPM's in many ranges causing the motor to perform at an optimum levels.



*HILLESS 5*

The digital auto technology is composed of a driving mode, whipping mode and BMS. The *HILLESS 5 & 1* passed all the requirements from the vehicle authority of Korea. *HILLESS 1* is a 50 cc category (No drivers license needed) and *HILLESS 5 (H5)* is certified as a scooter with under 1 KW (no motorcycle license needed).

### H5 (Hilless 5)

- Consumes 16 ampere/hr under 48 volt power while driving 40 km/hr.
- It can run approximately 80 miles on a single charge.
- It has the ability to load more than 200 kg with max speed of 100 km.
- It has the power to run more than 30 degree hills with a full load.
- It uses a 53 ampere power pack.

## Military EV

*LEO* has teamed up with *Hyundai* to develop a Fast Attack, armored vehicle for the Korean military. The strategic, multipurpose EV can be manned or deployed remotely.



### FAV(Fast Attack Vehicle)

- Max Speed 80 KM/hr.
- Driving Capability:100 km per charge.
- Climbing Capability: up to 40 degrees.
- 6x6 Motor System Control.
- Ability to navigate over rough terrain.
- Turning radius of 360.
- Equipped with advanced GPS.
- Laser Scan technology for intelligent 3D navigation.
- Fast target tracking with speed and secrecy.

## LEO'S Shares are Significantly Under-Valued

*LEO* is expected to stand alone among their other market competitors in the next year, being the only public company that will be substantially profitable in this sector. Currently the *LEO* stock is dramatically undervalued compared to other market competitors. *LEO* has advanced EV technology and components, but trades only at \$0.65-1.00/share. Other EV producing companies are trading between \$4-5/share. It is anticipated that since *LEO* is now actually in its EV production stage, along with *UQM Technologies Inc.* and *Zen Motors (ZENN)*, the *LEO* stock is anticipated to rise to the \$4-5/ share range or even higher in the near future. *LEO* has patented technology. The company is in production now and is performing at the top of the EV market. According to market analysts, the EV sector will be the best performing group in 2010. For example, *A123 Systems*, a lithium battery manufacturer, became public on NASDAQ on 9/24/09. *AONE* was priced at \$13/share, after the original offering prospectus showed \$8, soared up to \$28 and then it traded \$20-28/share. This is just one example of the increasing demand for solid performers in the EV sector. The *Obama Administration* has \$2.4 billion toward the EV development. The stimulus package is working toward President Obama's goal of reducing vehicle emissions and foreign dependence on fossil fuels. The global market for EV and HEV vehicles is projected to be \$21.8 billion by 2015.