



Press Release

For Immediate Release

## **ETV Motors Ltd's advanced battery technology takes to the air**

November 4, 2010 (Herzliya, Israel): ETV Motors Ltd., a technology start-up focused on developing innovative battery technology for electric vehicles, announced today it had successfully demonstrated the ability of its high-voltage battery technology to propel a radio-controlled airplane.

The demonstration took place in Israel's Negev desert at a test site north of the city of Beer Sheva.

"The significance of ETVM's achievement is that a high voltage lithium-ion battery pack produced in our labs proved it can deliver substantially longer flight duration than a conventional battery pack of similar size and weight," said ETV Motors chief executive Dror Ben David.

"Radio-controlled aircraft are not cars or trucks," he said. "But as highly constrained devices that have to perform important, sometimes mission-critical, tasks they need to remain air-borne for the longest possible time. In this sense, they resemble automobiles. To meet the needs of demanding fleet owners and individual drivers, electric vehicles need to get the greatest amount of energy and power from the smallest, lightest battery pack.

"We feel strongly that our efforts in the aviation field are an important indicator of the relative advantages of our High5ive battery cell technology."

The battery pack that powered ETVM's RC airplane this week is based on high-voltage 4.7 volt Lithium Ion spinel technology, a novel and proprietary cell formulation, that the company's researchers have been developing since early 2008. ETVM expects to release its first prototype cells based on this advanced formulation during 2011.

(The company's policy is not to release performance data while its research and development efforts are still in process.)

The ETV Motors CEO says there are practical conclusions that can be applied. "Our demonstration flight places ETV Motors at the forefront of companies endeavoring to deliver substantially longer "on-station" time for the small aircraft that do vitally important intelligence gathering. These are operated by the coast guard, drug enforcement agencies, police, fire fighters and others."

Dror Ben David added: "Beyond this, we believe we achieved an important milestone on the path to solving the range-anxiety concerns that are on the minds of everyone in the electric

vehicle industry. And in pushing the envelope with small electric aircraft, we feel this serves as a strong pointer to how well our technology is going to do in powering electric cars, trucks and buses.”

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### **About ETV Motors**

Established in 2008, venture capital-backed ETV Motors Ltd. develops advanced battery technology that addresses the global automotive industry’s tightening embrace of electric vehicles (EVs). ETVM’s scientists are focused on bringing to market a compact, energy-dense, power-dense battery. Gram for gram, ETVM’s lithium-based cells deliver 50% more energy than the best competing cells. Batteries built from these cells will be smaller, more affordable, and have potentially twice the driving range of other lithium-ion batteries.

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