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## **First eBox Delivered to Tom Hanks**

*Actor Buys New Electric Car, bids gasoline adieu!*

San Dimas, CA – February 15<sup>th</sup>, 2007 - AC Propulsion, a global leader in electric vehicle technology, has delivered the first eBox customer car to Tom Hanks. The actor and producer, a veteran EV driver, ordered his eBox after driving the first prototype last July. "I still have a Toyota RAV4 EV and never spent a penny on gasoline for it", said Hanks, "What AC Propulsion is doing is fantastic. I drove their zero electric sports car a few years ago, so when they put the same technology in a four-door I wanted one for myself. It has double the range, goes fast, uses Li Ion batteries, and is incredibly roomy and comfortable. Oh, and I will also never have to put any gasoline into it!"

The eBox, which made its public debut in December, is a pure electric car, not a hybrid. With no gasoline engine, the eBox transports its occupants serenely and efficiently, at speed or in traffic, with powerful acceleration and amazing regenerative braking. Recharging is as close as the nearest electric outlet because the eBox can plug in anywhere. It seats five and has one of the roomiest rear seats in the business. Fold the rear seat and the eBox can take a huge haul. With air conditioning, electric heating, power steering, power windows, power mirrors and remote door locks, the eBox matches comfort and convenience with any car.

And there is one convenience no conventional car can match – the eBox refuels at home. Plug it in and it charges while you sleep. In the morning, the 35 kWh Li Ion battery is ready to go up to 150 miles, more than enough for a typical day's driving.

Benefiting from fifteen years of electric vehicle development at AC Propulsion, the eBox represents electric car state of the art - 2007. AC Propulsion has changed the perception and reality of the electric car with innovations such as light, powerful electric motors, maximized regenerative brakes, integrated high-power chargers, bi-directional grid connections that let the car supply AC power, and high-performance Li Ion traction batteries assembled from small cells.

The eBox comes with all of these innovations as standard equipment, making it not just a new car, but a milestone along the path to transportation without petroleum.

Just before he drove off, silently, in his new eBox, Hanks observed, "There are three electric cars sitting on the moon, and now another one in my garage. The eBox makes even more sense in Los Angeles than in the Taurus-Littrow Valley of the moon. I can drive all weekend, hauling dogs and helping my friends move, and the only reason I'll need to stop at a gas station is for beef jerky and lottery tickets."

## **Specifications**

### Vehicle Performance

- Range 120 – 150 miles
- Acceleration 0-60 mph < 7 secs
- Top Speed 95 mph
- Charge Rate 30 minutes for 20 to 50 miles
- Full Charge 2 hrs (fast), 5 hrs (normal)

### Electric Propulsion

- Power: 120 kW (160 HP)
- Torque: 220 Nm (165 ft lb)
- Motor speed: 0-13,000 rpm
- Regenerative braking Up to 70%
- Battery: Li Ion, 35 kWh, 650 lb
- Charger: Onboard, plug in anywhere, up to 20kW
- Vehicle to grid (V2G): Bi-directional grid interface

### Standard Equipment

- Air conditioning
- Cruise control
- Electric heater
- Power brakes
- Power steering
- Power windows, locks, mirrors
- Traction control

### Instrumentation

- Analog Cluster
- Speedometer, ammeter, battery state of charge
- Multi-function Display Energy use, trip computer, charge control functions, cell-level voltage and temperature, V2G control
- Chassis
- Front Suspension
- Independent MacPherson strut with stabilizer bar
- Rear Suspension
- Torsion beam with stabilizer bar

### Steering

- Power-assisted rack-and-pinion steering

### Brakes

- Power-assisted ventilated front disc / rear drum with ABS

#### Tires

- P185/60R15 tires on steel wheels with full wheel covers

#### Exterior Dimensions

- Wheelbase: 2500 mm, 98.4"
- Overall length: 3945 mm, 155.3"
- Overall height: 1640 mm, 64.6"
- Overall width: 1689 mm, 66.5"
- Track (front / rear): 1455/1430 mm, 57.3/56.3
- Curb Weight: 1385 kg, 3050 lbs
- Ground Clearance: 130 mm, 5.1"

### **About AC Propulsion**

AC Propulsion is the global leader in the development, design and manufacture of electric vehicle technology. AC Propulsion's proprietary tzero™ technology is a complete solution for electric vehicles, and can be customized for every class of electric vehicle, from a sports car to an SUV to an 8-ton city bus.

Products within in tzero™ product suite include:

- Drive System: includes an integrated, bi-directional battery charger, Power Electronics Unit (PEU) and Motor
- Battery Management System: manages and extends battery range and operating life
- Vehicle Management System: controls operation and provides an interface to other components of the vehicle

Engineering Services include:

- Design services: AC Propulsion works with our customers to customize tzero™ technology to suit their needs
- Licensing tzero™ technology: tzero™ technology is available for a non-exclusive license to manufacturers who want to develop and manufacture their own propulsion systems
- Intellectual Property: Our proprietary technology improves vehicle efficiency and range, reduce cost and enhance customer satisfaction with the final product.

AC Propulsion's technology allows for 200 kW or 268 horsepower, up to a 300 mile range at 60 mph and the ability to replenish 90 miles per hour charging in any standard outlet. AC Propulsion is also a leader in the development of Vehicle to Grid (V2G)-capable vehicles, as well as the research and development of V2G technology.

For further information, please visit [www.acpropulsion.com](http://www.acpropulsion.com)

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