VIA Motors: A Better Way To Go

Extended-Range Electric Trucks

VTRUX

The 4WD E-REV Powertrain from VIA Motors

EXTENDED-RANGE ELECTRIC VEHICLE

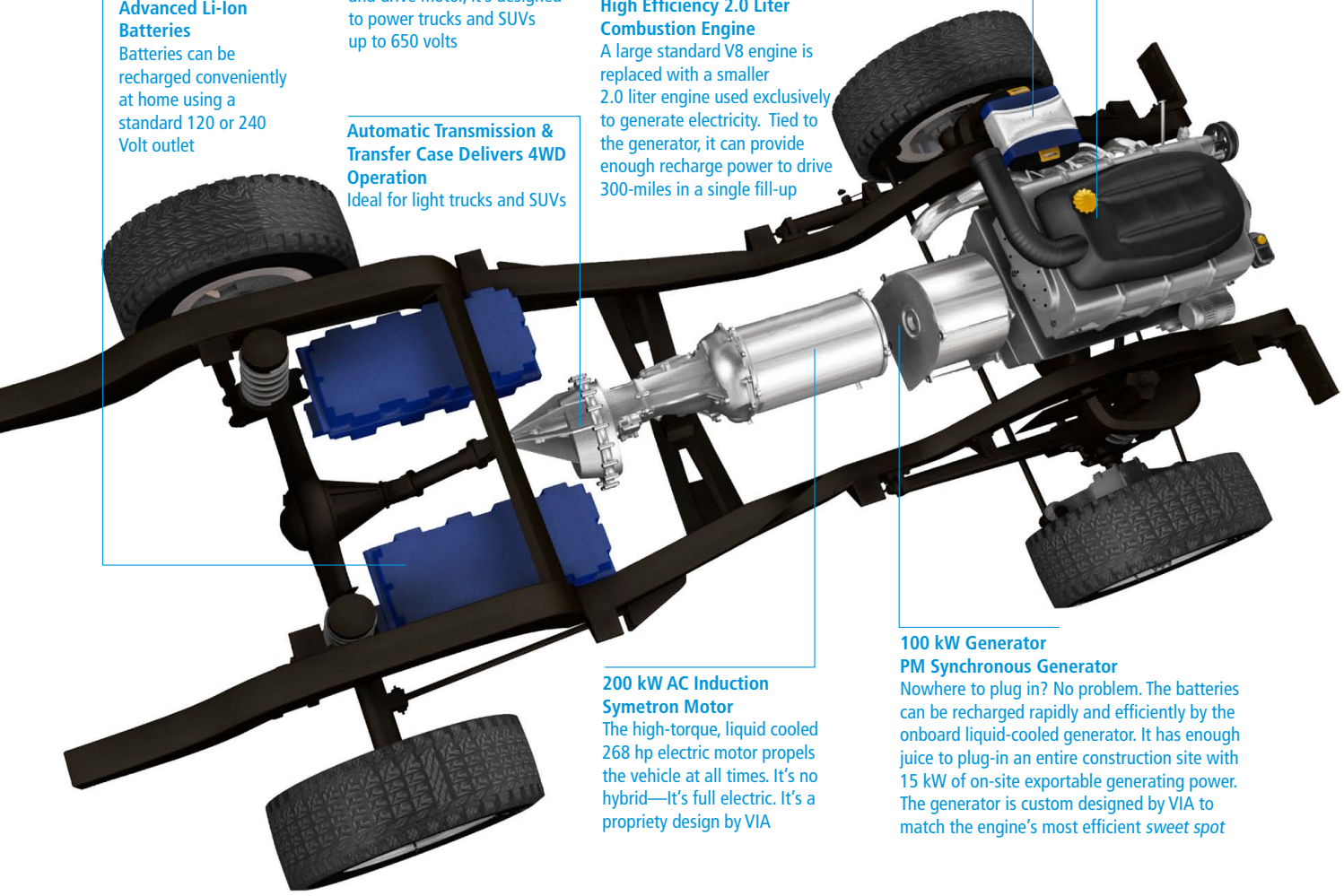
symetron
SMARTDRIVE

Dual Motor Controller
Controls both the generator and drive motor, it's designed to power trucks and SUVs up to 650 volts

Advanced Li-Ion Batteries
Batteries can be recharged conveniently at home using a standard 120 or 240 Volt outlet

Automatic Transmission & Transfer Case Delivers 4WD Operation
Ideal for light trucks and SUVs

High Efficiency 2.0 Liter Combustion Engine
A large standard V8 engine is replaced with a smaller 2.0 liter engine used exclusively to generate electricity. Tied to the generator, it can provide enough recharge power to drive 300-miles in a single fill-up



200 kW AC Induction Symetron Motor
The high-torque, liquid cooled 268 hp electric motor propels the vehicle at all times. It's no hybrid—It's full electric. It's a propriety design by VIA

100 kW Generator PM Synchronous Generator
Nowhere to plug in? No problem. The batteries can be recharged rapidly and efficiently by the onboard liquid-cooled generator. It has enough juice to plug-in an entire construction site with 15 kW of on-site exportable generating power. The generator is custom designed by VIA to match the engine's most efficient *sweet spot*

Powering America's Green Fleets

The fuel economy of a Prius with the payload of a pickup

VIA's E-REV powertrain is ideal for America's fleets, cutting fuel costs by up to 75%, while dramatically reducing petroleum consumption and emissions—electricity costs an average of 60 cents per equivalent gallon. Recharging daily, the average driver could expect to refill the gas tank less than 10 times a year rather than once a week. It offers all the advantages of an electric vehicle, without range limitations. Working with vehicle manufacturers, VIA plans to begin delivering E-REV trucks to government and utility fleets in 2011.

Ideal for fleets—cuts fuel costs by up to 75%

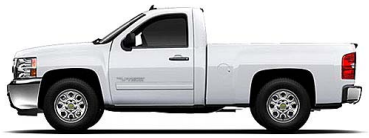
Up to 40 miles in all-electric mode and up to 300 miles using the range extender

The onboard generator provides a work site with 15 kW of exportable power

Enough mobile emergency power for you and your neighbors

VIA Motors is a new kind of car company.

We build electric versions of your favorite trucks and SUVs.



Standard Cab

Extended Cab
First Production Model

Crew Cab

2WD & 4WD configurations available

Driving on Electricity

The E-REV powertrain by VIA enables larger vehicles, including 4WD SUVs and light trucks, to drive the first 40 miles in all-electric mode with near zero emissions, and a full range of 300 miles on a single fill-up. For most drivers, this means over 100 mpg in typical local daily driving. It's exciting to drive—with more low-end torque, the electric truck performs as well or better than the comparable gas version.

More Efficient Use of Batteries

With 75% of drivers averaging less than 40 miles a day, most electric vehicles carry extra weight in costly batteries—VIA has optimized its battery pack, carrying only what's needed for most days. VIA's E-REV truck generates its own electricity on longer trips using the onboard range extender.

VIA's E-REV powertrain was designed to work in popular light trucks such as the GM Silverado, the Ford F-Series, and the Dodge Ram series trucks.

The best way to improve gas economy... ...is not to burn gas!

Gas Fuel Economy	75% of Drivers			
Miles Driven per Day	40	50	60	200+
Gas Fuel Economy	Battery only	100 mpg	60 mpg	20 mpg

The vehicle gets 60 mpg using proposed EPA rating for extended range electric vehicles, by averaging battery range and charge sustaining mpg.

Designed for how we drive

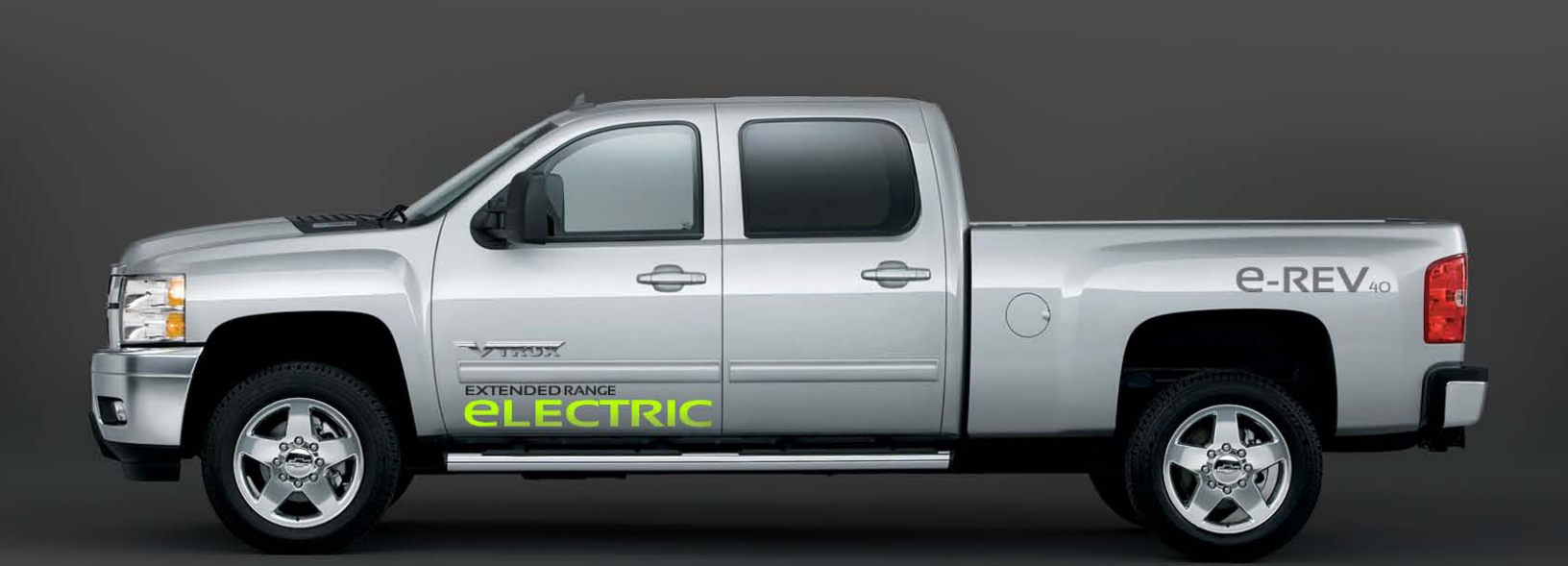
With 40 miles of battery range, most drivers won't burn any gas in a typical day. Driving 50 miles in a day, 40 miles on batteries and 10 miles with the help of the range extender, the typical driver would average about 100 miles per gallon in gas fuel economy. When driving over 200 miles in a day, the E-REV Truck still gets significantly better fuel economy than the gas version.

Performance Targets	E-REV Truck
Acceleration: 0 – 60 mph	9.6 seconds
Electric Range:	40 miles
Combined Range: (miles)	300 (11 gal tank)
Fuel Economy: (mpg)	100 mpg*
Max Vehicle Speed: (mph)	85

*Typical daily driving up to 50 miles per day

The powertrain works in a variety of vehicles

VIA's E-REV powertrain is applicable to a large variety of light trucks, SUVs and delivery vehicles.



VIA's Extended-Range Electric Fleet Truck

Plug it In

On the average, it only costs about 60 cents per equivalent gallon to drive your truck on electricity charged conveniently at home. In addition, you can qualify for up to $20,000 in incentives from state and federal governments, depending on where you live.

Charge Time

Plug it into any standard 120 or 240 volt socket.

Charge Station	240 V Outlet	120 V Outlet
2 hours	4 hours	8 hours

Gas it up

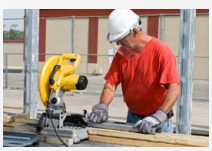
The vehicle only uses gas when you drive beyond the capacity of the batteries. VIA's new Extended Range Electric Vehicle (E- REV) drives up to 40 miles on batteries then continues up to 300 miles. It generates its own electricity using a small fuel-efficient gas-powered generator or "range extender" when needed. An E-REV can charge conveniently at home using a standard 110 or 220 Volt outlet or can be refueled with gas at any gas station.

Exportable power for the work site

An extended-range electric work truck comes with a powerful onboard generator that can be used in place of a tow-behind generator to power the work place or provide emergency power. Some fleet customers say that with VIA's E-REV work trucks, its almost like getting a free truck with their mobile generator!

Mobile Power

On board 120 & 240 Volt Outlets



Power for tools for the work site

Emergency electricity and lighting

Don't have a charging station? No problem.

Use a standard charging station, or charge conveniently at home using a standard 110 or 220 Volt outlet. Nowhere to plug in? Use gas from any gas station. Best of all, electricity is just 60 cents per equivalent gallon.

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