

*Raser has Teamed with a Global Automobile Manufacturer
to Develop an Advanced Plug-in Series Hybrid Demonstration Vehicle*

100 MPG SUV PHEV DEVELOPMENT PROJECT



UP TO
100 **MPG**
LOCAL DAILY
DRIVING
NEAR
ZERO EMISSIONS

Target Specifications

Vehicle Platform	4WD Fullsize SUV
Fuel Economy	100 MPG City* 34 MPG Highway
Hybrid Architecture	Plug-in Series Hybrid
Acceleration 0-60 MPH	< 9 Seconds
Powertrain	Full Electric Drive 4WD Transmission
Drive System	200 kW Symetron™ AC Induction
Generator	100 kW Symetron™ Electric Generator
All Electric Range	40-Miles
Batteries	Advanced Li-Ion

*Typical daily driving up to 40 miles a day, recharged from the grid.



Propelled by a 200kW Symetron™
Electric Drive system and a
100kW Symetron Generator

raser

TECHNOLOGIES



In Association With

HybridConsortium.org

Plug-In Hybrid Development Consortium