



APTERA 2E



APTERA & THE PROGRESSIVE INSURANCE AUTOMOTIVE X PRIZE...

PROGRESSIVE
AUTOMOTIVE

X
PRIZE

CHANGING THE WORLD ONE ENERGY EFFICIENT VEHICLE AT A TIME

A call has gone out to innovators everywhere. The call comes from the Progressive Insurance Automotive X PRIZE and the goal is to inspire a new generation of viable, safe and super fuel-efficient vehicles. It is a competition and there are prizes for those who can conquer the rigorous challenges of a multi-stage race for clean, production-capable, efficient vehicles that exceed 100 MPGe (equivalent).

For Aptera, however, this journey is not about prizes. We're dedicated to putting our vehicles to the test in front of a panel of established industry experts, media and the world. There's no hiding from data, and through the Progressive Insurance Automotive X PRIZE, everybody will be able to see the Aptera 2e - and our team that developed it - in our quest to establish the pinnacle for efficiency in personal transportation.

The 2010 Progressive Insurance Automotive X PRIZE, with its strict guidelines and judging, is dedicated to developing the planet's most energy-smart passenger vehicles, which will far exceed government fuel economy requirements without sacrificing occupant safety. Each competitive vehicle must be proven to meet rigorous standards, and, according to the event organizers, "make a difference in the world."



THANK YOU TO OUR SPONSORS

IF YOU ARE DEFINED BY THE COMPANY YOU KEEP, THEN APTERA HAS REASON TO BE PROUD. WE HAVE THE PLEASURE OF BEING SURROUNDED BY SOME OF THE BEST AND BRIGHTEST MINDS FROM AN ARRAY OF INDUSTRIES, ALL OF WHOM HAVE JOINED WITH APTERA IN OUR QUEST TO DEMONSTRATE THAT BEING THE MOST EFFICIENT VEHICLE IN THE WORLD DOES NOT MEAN YOU HAVE TO COMPROMISE. AS WE COMPETE FOR THE PROGRESSIVE INSURANCE AUTOMOTIVE X PRIZE, WE WILL CALL THEM OUR SPONSORS, BUT WHEN IT COMES TO DELIVERING ON THE PROMISE OF EFFICIENCY, WE WILL CALL THEM OUR PARTNERS.

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AkzoNobel
Tomorrow's Answers Today

A stylized graphic of a person's arm and hand reaching upwards, positioned to the right of the text.

VBOX USA



Continental
Continental Engineering Services

The Continental logo graphic, which is a circular emblem containing a star and other symbols.

NRG

A stylized graphic of a bird or wing, positioned to the right of the text.

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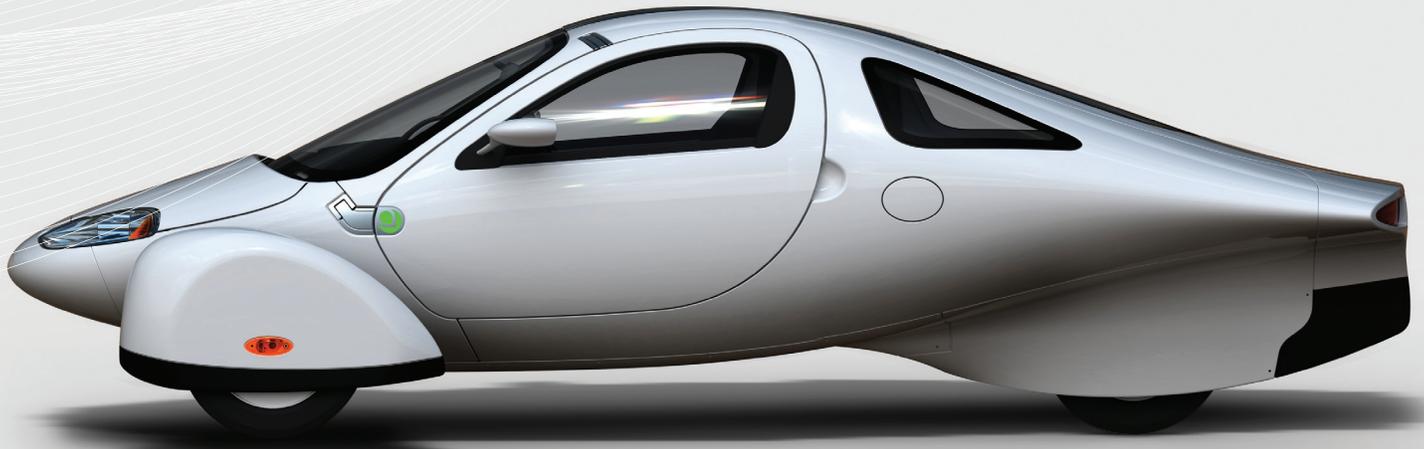
EFFICIENCY SPONSORS



 **GUARDIAN**
AUTOMOTIVE



AERODYNAMICS LOW WEIGHT SAFETY



“SHAPED BY THE WIND, THE ULTRA AERODYNAMIC, ALL-ELECTRIC 2E GETS THE EQUIVALENT OF MORE THAN 200 MPG AND HAS A SHARED PURPOSE WITH THE ENVIRONMENT. THE ALLURING ARCHITECTURE PROMISES A TRANSPORTATION EXPERIENCE LIKE NEVER BEFORE... A SERENE, EXOTIC APPEAL INTEGRATED INTO A SECURE DRIVING SANCTUARY THAT FLIES BY GAS STATIONS TO ESTABLISH AN AFFIRMATIVE IMPACT ON THE WORLD.”

IN THE DETAILS

OAL	175.6
OAW	86
OAH	54.4
Front Track Width	76.9 in Track/ 77.1 in Tread
Wheel Base	108 in
Min Ground Clearance	6 in
Turning Diameter	39 ft
Curb Weight	1800 lbs
Front Wheel/Tire Size	P175/65 R14 X 5.5
Rear Wheel/Tire Size	P195/60 R15 X 6.5
Battery Chemistry	Lithium Ion nano-phosphate
Motor Type	Internal Permanent Magnet
Max Power	82 kw (110 hp)
Max Torques	314 Nm (232 ft. lbs)
Battery Pack Size	20 kWh
Top Speed	90 mph
Transmission Type	Single Ratio Transaxle
Brake Type/Size Front	Front disk - Solid 9.8 in
Brake Type/Size Rear	Rear disk - Solid 11 in
Front Suspension Design	Short spindle SLA with rocker arm
Rear Suspension Design	Double sided trailing arm
Range	100 miles EPA combined City/Hwy
Seating Capacity	2
Charge Time	
Level 1	11
Level 2	6
Driver/Passenger Leg Room	39.25 in
Driver/Passenger Head Room	37.2 in
Drive/Passenger Hip Room	48.5 in
Cargo Capacity	22.75 cubic ft
Motor Location	Front
Drive Type	FWD
0-60 Time	9 seconds



Driver and passenger Airbag System
Driver and front passenger seat mounted head and thorax airbags
Traction control
Anti-lock Brake System/Stability control (ABS)
Front and rear crumple zones and side-impact door beams
Vehicle immobilizer
Emergency Tire Inflation System
(4) Front and (1) Rear Ultrasonic pedestrian proximity sensors with audible alert (Optional)
Driver and passenger 3-point outboard seatbelts with driver-side Pretensioning Retractor
Hood hold-down hooks
Automatic high voltage system disable (on airbag deployment) & emergency response high voltage and low voltage kill system
Tire Pressure Monitoring System



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W-Power