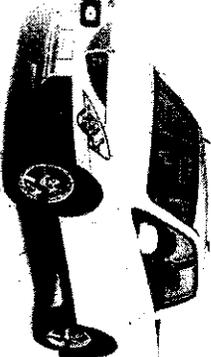


07-5-5
May 24-25, 2007

EVAN HOUSE

Altairnano
INNOVATION AT WORK



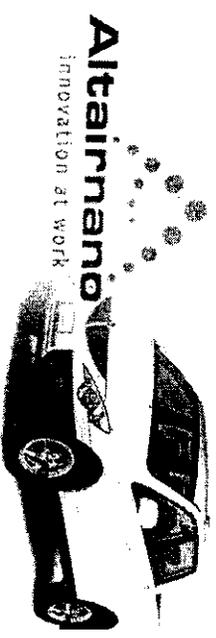
Battery Comparison

NanoSafe™ Possesses Disruptive Combination of Features

Feature	Lead Acid	NiCd		NiMH	Li Ion	NanoSafe™
		40+	25			
Specific Energy (Wh/Kg) Wh/Kg – Cold (<0°C) Wh/Kg – Hot (>65°C) Wh/Kg – High Rate (>6C)						50-70 80-100 70-90
Cycle Life @ 100% Discharge (Typical Rate)	50-180 (4 to 12 hrs)	300 – 600 (2 to 4 hrs)	300 – 500 (2 to 4 hrs)	500 – 750 (1 to 4 hrs)		25,000 (6 minutes)
Safety (Fire Hazard)		Moderate				Safest
Charge Time (0 - >95%)		1-2 Hours	1-2 Hours	1-2 Hours		6 Minutes
Operating Temp Range	-10° to 60°C	0° to 50°C	0° to 40°C	0° to 40°C		-40° to 70°C
Environmental Impact			Low	Minimal		Minimal
Pulse Power Utilization Range			Moderate	Moderate		Broadest
Leakage (Dissipation)	Lowest			Low		Low
Memory Effect	Very Low		Moderate	None		None
Power Delivery	Good	Moderate	Moderate	Moderate		None
Manufacturability	Easy	Adequate	Adequate	Easy		High
Maintenance		Moderate	Moderate	None		Easy
Market Position	High Volume		Modest	None		None
Cost	Cheap	Tied to Ni	Tied to Ni	Moderate		Rising

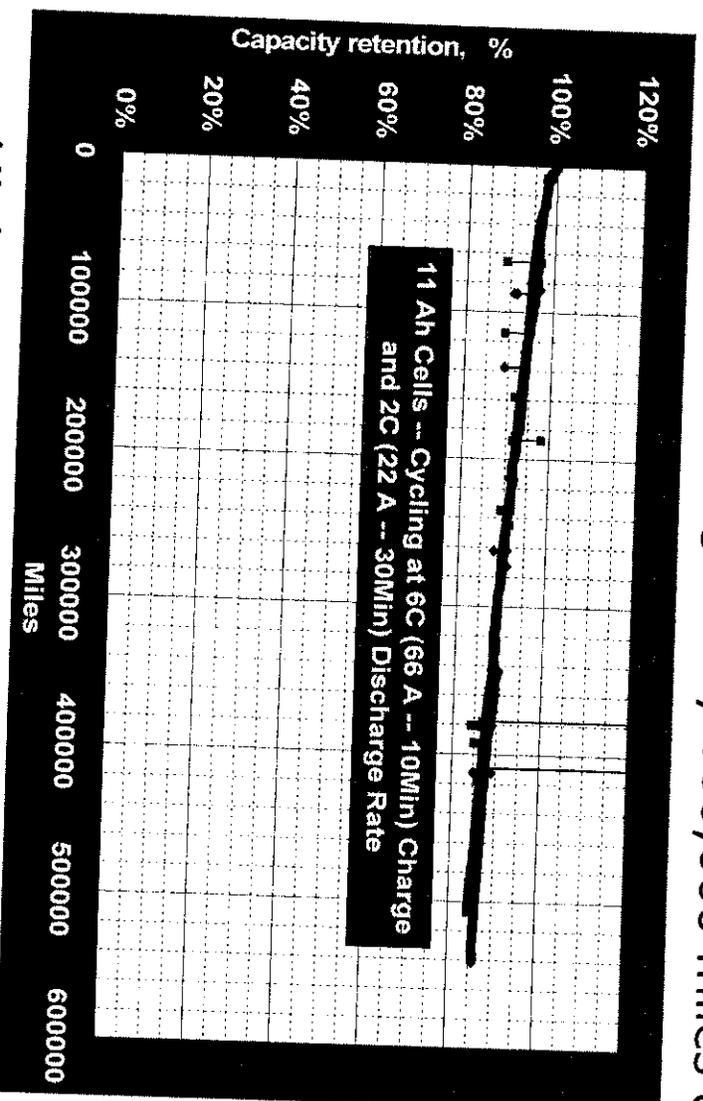
No Other Battery Type Comes Close

What It Means



All Electric Vehicles with Great Range and Long Life!

- Phoenix SUT travel range (designed for 130 miles/cycle)
- Using conservative assumption: 100 miles per discharge cycle
- Capable of achieving nearly 500,000 miles during battery life



Vehicle Characteristics

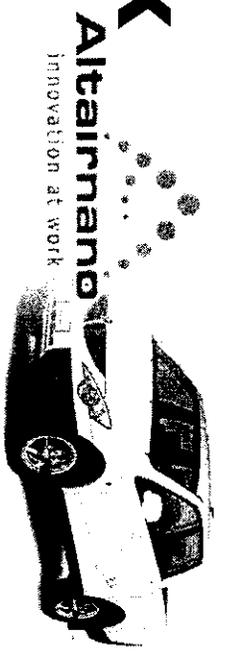
- Recharge time < 10 min

EV Costs vs ICE vehicles

- Operating costs < 1/4
- Maintenance costs < 1/4

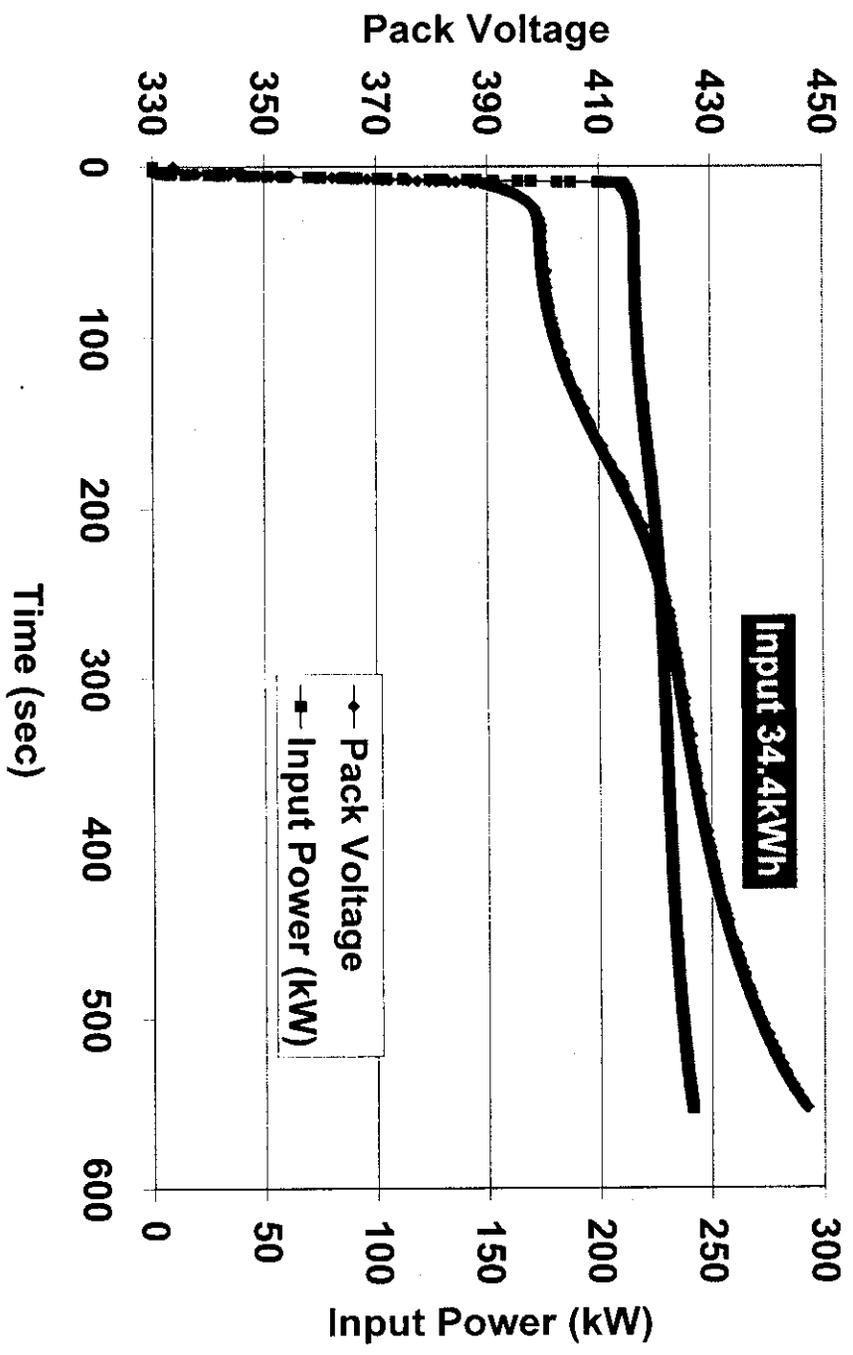
Higher purchase costs are offset by lower operating costs...

NanoSafe Battery Pack 10 Minute Recharge



35000kWh Rapid Charge, 540A and 210 to 240 kW In

35000kWh EV Pack Rapid Charge



No Other Battery Technology is Rapid Charge Capable ³