

<http://www.youtube.com/watch?v=1-FJT0d4CDU>

delivering green now



Who We Are

- Smith Electric Vehicles U.S. Corp brings a fresh American vision and perspective to 80 years of demonstrated expertise in electric vehicles.
- Originally started in Europe with a legacy of success in electric vehicles.
- January 2009 moved to the US with a licensed technology from the Tanfield Group, parent of Smith UK.
- September 2009 become the first company producing all-electric zero-emission commercial trucks in the USA.
- Proprietary expertise in electric vehicles - integrating electric power trains, battery packs and control systems.
- Producing the world's largest electric delivery / service vehicle – Newton
 - top speed of 55 mph
 - up to 150 miles on a single charge
 - wide range of urban applications
 - available in Class 4 – Class 6
 - range of battery offerings between 50 – 150 miles
- Recipient of US Department of Energy Funding in 2009 and 2010.
- On 2011 GSA Schedule (2010 - Special Buying # 571-E)

(QMAE-T4-091003-N)

The Right History - 80 Years



Kansas City Facility



The Right Applications

- Depot Base Logistics
- Fixed Route of less than 150 miles per-day
- Operating in congested areas
- Typically inner city and urban areas
- Lots of starts and stops – significant idle time
- Multiple drops/collections
- Allows for Centralized Charging
- Food Distribution
- Parcel Delivery
- Beverage Delivery
- Service Works
- Utilities
- Public Sector
- Military Base Applications



Configurations Availability

- Smith Electric Vehicles chassis can fit a variety of transportation needs / duty cycles.
- Smith Electric Vehicles has the capability of working with our customers to support up-fitting needs directly and can also work with preferred up-fitting vendors.
- Passenger van / Shuttle bus – 2011 forecasted date



Aerial Lift



Refrigeration



Delivery



Flatbed



Military

Size-Range-Weight

GVW (lbs)	Payload Weight (lbs)	Range With 40KWH	Range With 80KWH	Range With 120KWH
16,500	7200	20-40	60-80	100-120
22,000	12,600	20-40	60-80	100-120
26,000	16,000	20-40	60-80	100-120



Smith Newton: Engineered To Perform

Specifications

Motor	90kw - 120kw induction
Controller	Vector Control AC system with regenerative braking
Batteries	Lithium-Ion Iron Phosphate
Charger	Fully automatic – cable included
Cab	All steel, two door with hydraulic tilt, zinc coated panels with wax filled cavities and thermal insulation
Interior	Drivers seat, dual passenger seat, Sony stereo CD
Steering	Hydraulic PAS mono-block
Suspension	Front & Rear, parabolic springs with transverse torsion bar stabilizer, hydraulic, double acting shock absorbers
Brakes	Dual Circuit, air brake system with WABCO ABS, air dryer parking brake, fail spring park brake to rear axle

Smith Newton: Engineered To Perform

Specifications

Brakes	Dual Circuit, air brake system with WABCO ABS, air dryer parking brake, fail spring operated park brake to rear axle
Chassis	Ladder type, cold riveted and bolted with U section side members and open profile cross members-steel
Wheels	17.5 x 6.00 steel rims (16, 535-23,148 lbs), 245/70R17.5 tires on 17.5 x 6.75 steel rims. 8 screws fixing (26,455 lbs) 215/75R 17.5
Tires	215/75R 17.5
Warranty	36 months bumper to bumper and drive train
Service & Training	Fully supported training and platinum service model

Smith Partners



The Coca-Cola Company



DOING SOMETHING FOR THE PLANET~ AND YOUR BOTTOM LINE

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