Workhorse Group, Inc.

The OEM Technology Leader in Range Extended Electric Trucks and Vans…

Built to last, from the chassis up, in the USA

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WORKHORSE COMMERCIAL TRUCK GROUP

- Workhorse is an Original Equipment Manufacturer of Range Extended Electric Trucks, and a powertrain/software/aerospace technology company…
- Workhorse builds battery-electric range extended (E-GEN) medium duty trucks at its 275,000 Sq. Ft. plant in Union City, IN, purchased from Navistar…
- Publicly held Company with no debt. Backed by a strong investor group…
- Low cost chassis and battery pack producer, with world class software, and state of the art engineering…
- Strong supply chain partners including Panasonic & BMW…
- Winner of a coveted USPS prototype contract for the Next Generation Delivery Vehicle (NGDV) Program…
- **Proven & reliable platform – now being purchased in volume by**

United Parcel Service

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Why Electrify your Fleet with Workhorse E-GEN?

Corporate Sustainability = Competitive Advantage…

- 75% to 100% lower emissions on an average day…
- Class 1-5 vehicles have had no true range extended EV solution. Until now…
  - Electrification is the cleanest and cheapest alt fuel available. $.03 to $.05/mile
  - No range anxiety with both battery electric and gas electric modes
- As a low cost producer, our Total Cost of Ownership is much lower…
  - ROI in 4 years for public fleets with no incentives & $2.50 gas
  - ROI in 2 years for private fleets with Federal Credit & $2.50 gas
  - 50% savings in maintenance costs
  - Longer useful life to capture these savings
- Performance, Reliability & Versatility…
  - Pure EV feel with no shifting. Lower center of gravity
  - Regen coasting and braking puts energy back in the battery pack
  - Advanced platform offers up to 14.4kW Mobile Power Export

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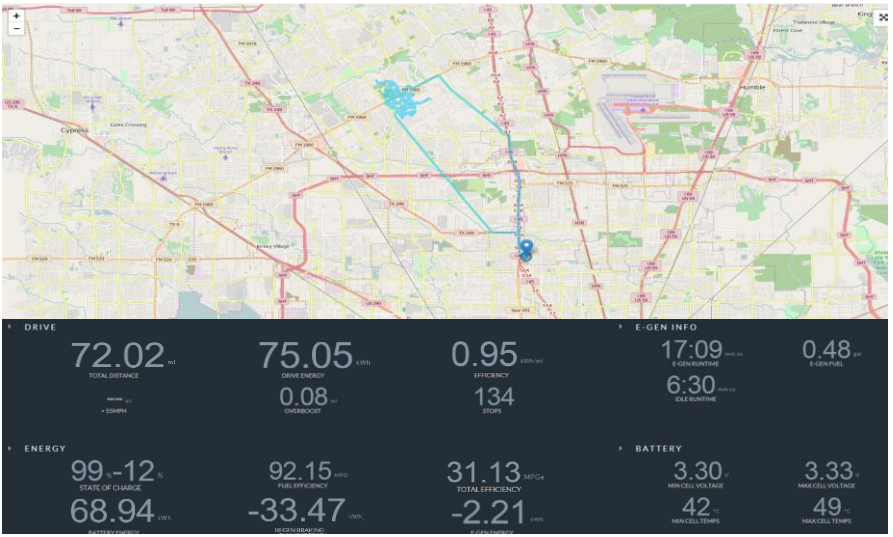
Cutting edge range extended electric vehicles

Range Extended & Battery-Electric Vehicles



Metron – Proof of Performance Advanced Telematics

HorseFly – UAS Drone Delivery

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WORKHORSE GROUP INC.

Medium Duty Class 5 Chassis – Currently in Production

w/120 day delivery

Featuring a BMW Range Extender & Panasonic Li-ion 18650B Battery Cells

125 to 150 Mile Range

- Proven and reliable chassis being built in volume for UPS, FedEx and others
- Low Total Cost of Ownership – Saves Fleets more than $150,000 over 20 years
- No Vouchers Required – ROI in 4 years or less
- >400% Fuel Efficiency Improvement – from 6 MPG to 30 MPGe
- >50% Maintenance Savings – No Transmission, Regen Braking, and more…
- Low or Zero Emissions – Further Improve Sustainability Initiatives

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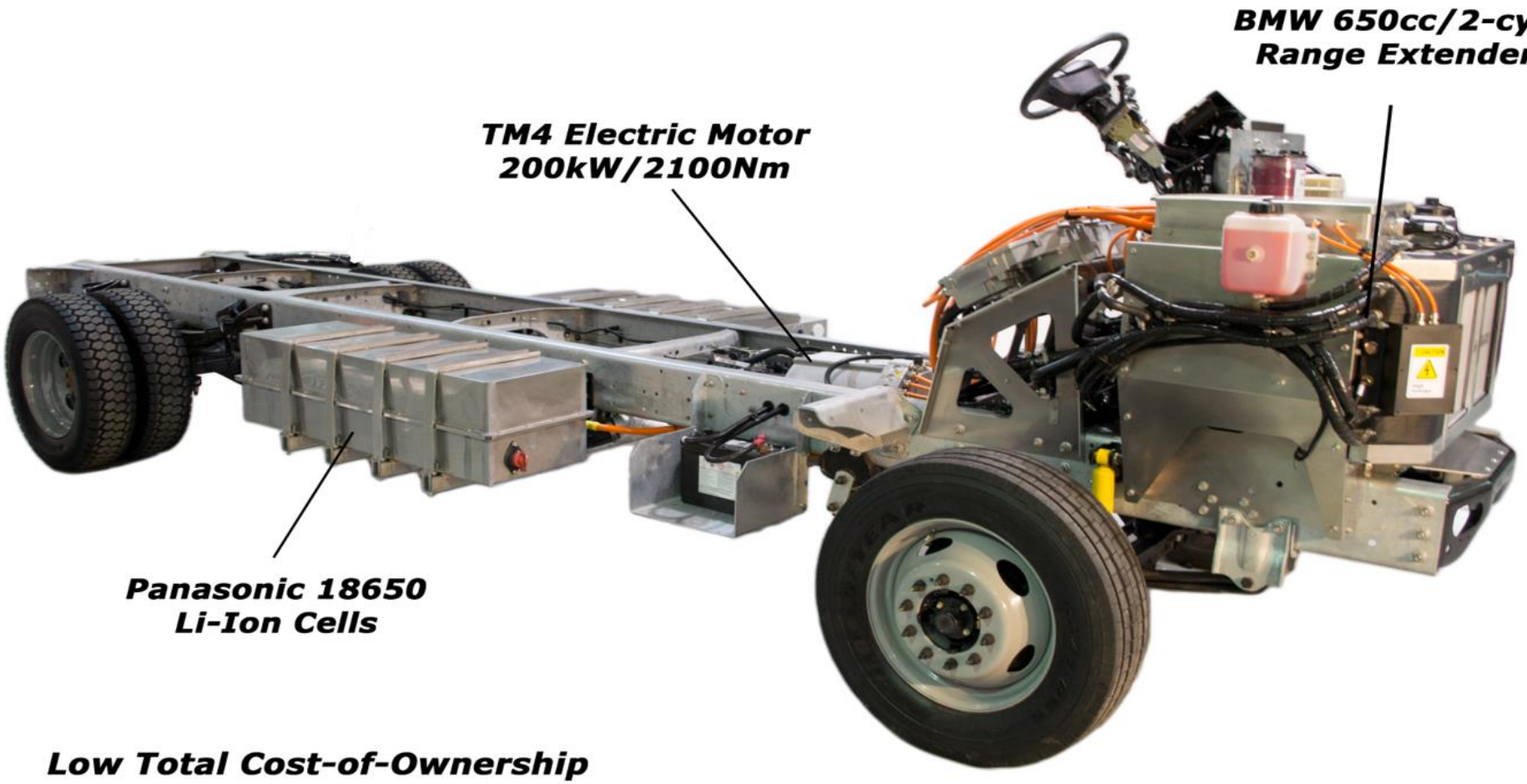

Low Total Cost-of-Ownership

No Transmission and Regenerative Braking = Low Maintenance

Up-to 400% Fuel Efficiency Improvement

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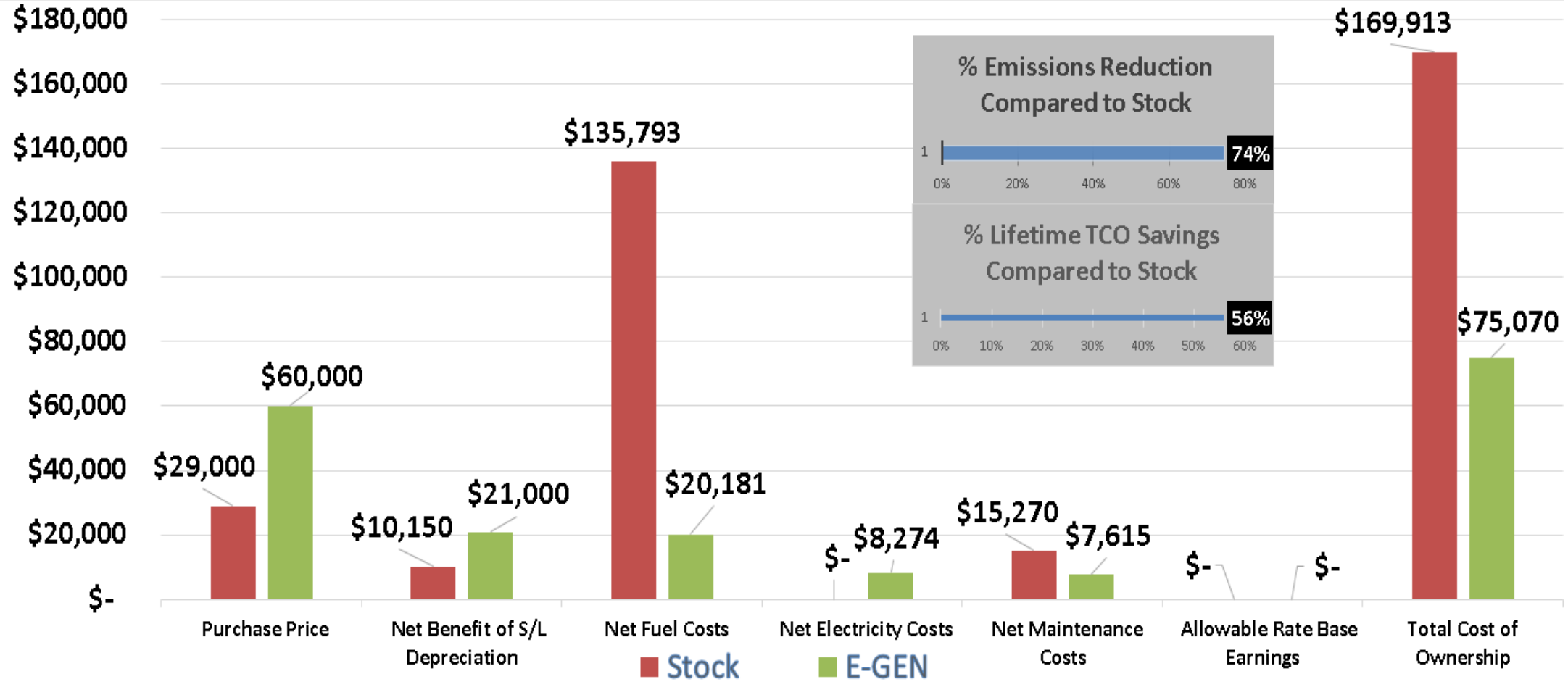
Private Fleet Class 5 E-GEN TCO

Total Cost of Ownership w/No Incentives & $2.50 Gas

25000 Miles per Year. 12 Year - Purchase - Total Cost of Ownership Comparison



% Emissions Reduction per Year:	74%
Gallons of Fuel Saved / Vehicle / Year:	4,294

Metric Tons of CO2 Saved / Vehicle / Year:	38
MPGe Efficiency over life:	33.64

Return on Investment:	34%
Years to Payoff E-GEN:	2.96

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Workhorse and VT Hackney are the winners of a prestigious USPS Prototype Contract

- One of 6 finalists, out of 30 original bidders, for the USPS Next Generation Delivery Vehicle Program
- Workhorse will offer the only pure electric powertrain with range extender
- 6 prototypes to be built with right wheel drive in 2WD & 4WD range extended electric chassis
- Extremely competitive per vehicle pricing
- Huge economies of scale with 180,000 vehicles
- Will accelerate the build of the Workhorse LD1500 pickup truck and cargo van
- 80% common chassis and powertrain components to our proposed Workhorse E-GEN Pickup Truck

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PROPOSED WORKHORSE LD 1500 RANGE-EXTENDED ELECTRIC WORK TRUCK
4WD DOUBLE CAB STANDARD BED DESIGN

Summary of Capabilities

- Pure plug-in electric powertrain w/Range Extender
- 80 Miles Battery Electric Range with zero emissions
- Unlimited Gas Electric Range (300+ miles per tank)
- 30mpg while in Gas Electric Mode
- 2200lbs payload, 6500lbs towing capability
- Built from the chassis up in America
- Fully certified – FMVSS Crash Safety w/enhanced crumple zone, CARB, EPA
- No transmission, lower maintenance profile
- 4 Wheel Regenerative coasting & braking
- Electric HVAC - no idling to heat or cool
- On board 7.2kW power export module
- 8 Year warranty through the Workhorse dealer network

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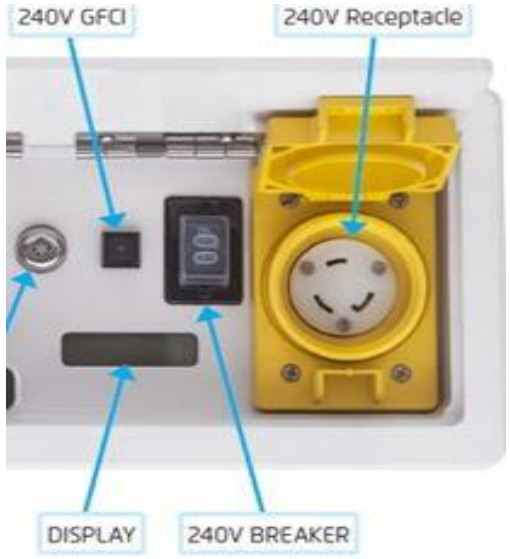
Workhorse Power Export Module

7.2kWh 30amp to 14.4kWh 60amp power export

Workhorse's game changing Power Export Module
Clean power when you want it, where you want it



Power Splitter plugs into 240V and splits it into two 120V outlets

Plug in Anywhere

- 120V Plug – 21 Hours;
  (50 miles in 12 hours)
- 240V 30amp Plug – 6 Hours
- 70amp EVSE – 2 ½ Hours *

*Requires 14.4kWH Charger

- J1772 Compliant

POWER YOUR HOME OR YOUR JOB SITE.
THE MOST VERSATILE TRUCKS ON THE ROAD

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For more information on the Class 5 E-GEN, the Aggregate Group Program, or to schedule a Total Cost of Ownership session, contact:

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