



Project EVE

Fleet Vehicle Program



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Electric Fleet Vehicle Program Overview



Project Eve Fleet Program Overview

Our Fleet Program is designed to help you better understand the issues associated with introducing electric vehicles into your Canadian fleet program. Canada has a variety of operating conditions that need to be addressed for Fleet Managers to successfully deploy EV's.

Specific Outcomes

At the completion of a Project Eve Fleet Program, you will have acquired:

- Real world operational knowledge and data on the performance attributes of key working components inside and outside of EV's.
- Actual data on mileage, routes, electricity consumption, charging cycles and service costs over the Project period.
- The ability to model costs of ownership and use based upon certain parameters such as battery size, vehicle weight, driving patterns and service costs.
- The ability to make informed purchasing and leasing decisions on selecting any OEM's EV.

Our Fleet Program provides you with coordinated, timely and responsive access to the Canadian suppliers and experts of key working components of EV's, including those involved with the electrical grid. Our Fleet Program can also provide you with such enhanced functionality as GPS data, streaming EV data and direct battery and charging performance data.

Our ability to share data and outcomes across this Canadian network of suppliers and EV knowledge provides Fleet managers with unique access to learn for themselves what tomorrow's Fleet managers want to know today about the state of EV's.

Our Advantage

Through our open and collaborative approach Fleet managers are provided with direct exposure to the attributes necessary for a successful EV Fleet implementation by offering such innovations as;

- *Reduced capital requirements.* Our fleet vehicles do not require level 2 (fast charging) stations, although for testing smaller battery sizes, and for general knowledge of the impact of fast charging on life cycle battery costs, you may wish to include this in our Fleet Program.
- *Flexible configuration options.* With our experience and know how we can help you customize your vehicles to the specific needs of your fleet. i.e.; optimal battery and range configurations based on existing charge infrastructure.
- *Access to the data.* We openly share the data capture from our EV's, permitting you to obtain and manage your information to make informed decisions, such as the effect of speed, or what specifications are needed to permit sufficient vehicle heating.
- *Support and Service.* As a partner in your success we align to your business goals and provide the support and service required to have EV's succeed in your Fleet Program.
- *Commitment.* We are a Canadian corporation with local Canadian members dedicated to addressing the technology, integration, testing, data sharing and go-to-market challenges of electric mobility particular to Fleets in the Canadian market.

Our Vehicles

We manufacture our EV's. Our members have deep technical and business knowledge of building true EV's and their components, as well as of Fleet requirements. We have the capabilities to deliver true EV's and with various battery options— your participation in the Fleet Program will also allow us to improve and tailor our designs and components for our Canadian members, as well as for our upcoming Fleet vehicles such as our planned Delivery Van and CUV.



Electric Fleet Vehicle Program Overview



Who We Are

Project EVE brings together Canadian skills and products for the purpose of producing and supporting key Canadian content in EV's. We advance our members technologies by working with Fleet Managers to manufacture, test, support and improve EV's and their components for the Canadian Fleet environment.

To learn more about our Fleet Program and to begin a Project Eve Fleet Program, contact:

fleetprogram@projecteve.ca

Or contact Steve Dallas at sdallas@projecteve.ca or Nathan Armstrong at narmstrong@projecteve.ca

Thank you.

Vehicle Lineup

Specifications



A2B

- 2 passenger
- Front wheel electric drive
- Quick-change battery
- 0-100Km/h: 4 seconds
- Top speed: 135 Km/h



Kestrel

- 4 passenger; 2+2 rear seat optional
- Front wheel electric drive
- Quick-change battery
- 0-100Km/h: 7 seconds
- Top speed: 135 Km/h



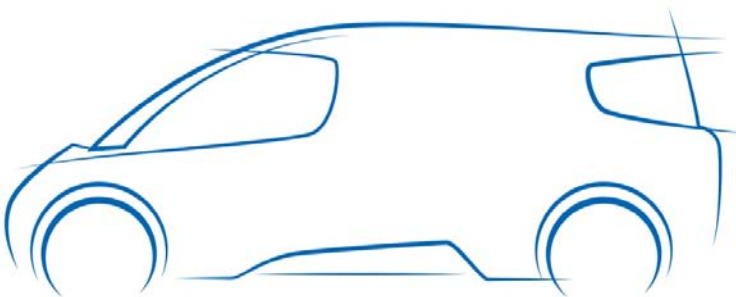
Go-4™*

- Single passenger
- Rear wheel drive
- 3 wheeled
- Electric / hybrid / gas
- 0-100Km/h: 10 seconds
- Top speed: 90 Km/h



CUV

- 7 passenger
- Four wheel electric drive
- Battery + CNG generator
- 0-100Km/h: 8.5 seconds
- Top speed: 135 Km/h



Fleet Van

- 2-5 passenger
- Front or 4 wheel electric drive
- Battery + CNG generator
- 0-100Km/h: 10 seconds
- Top speed: 135 Km/h
- Wheelchair accessible

* Currently only available in the United States



KESTREL



Specifications	Seatbelt positions: 2+2 rear seat optional Curb weight: 800 kg GVWR: 1200 kg Payload: 400 kg Front wheel drive Four wheel hydraulic 4 caliper disc brakes Double wishbone suspension
Dimensions	Length 333 cm Wheelbase 208 cm Height 154 cm Width 175 cm Ground Clearance 16.0 cm
Braking From 99 Km/h	Controlled dry: 20 m Controlled wet: 22 m Panic wet: 19.8 m Course deviation: 0.0 feet
Charging Efficiency	Battery size: 17 kWh Efficiency: 110 Wh/km Max recharge time: overnight Expected accessory burn – 600w
Features	Programmable touch screen Halogen headlights w/ hi/low beams 12VDC accessory plug 115VAC accessory plug GPS tracking WiFi ready 3G ready
Performance	Acceleration (0-60 km/h) At 100% SOC: 7 seconds Maximum speed: 135 km/h
Range	160 Km at 100% SOC
Powertrain	Input voltage: 110-220 VAC Battery type – Li-ion On-board battery charger Number of modules – 20 Weight of pack – 280 kg Pack location – floor





A2B



Specifications

Seatbelt positions: Two
 Curb weight: 700 kg
 GVWR: 1160 kg
 Payload: 460 kg
 Front wheel drive
 Four wheel hydraulic
 4 caliper disc brakes
 Double wishbone suspension

Dimensions

Length 326 cm
 Wheelbase 170 cm
 Height 160 cm
 Width 175 cm
 Ground Clearance 16.0 cm

Braking From 99 Km/h

Controlled dry: 20 m
 Controlled wet: 22 m
 Panic wet: 19.8 m
 Course deviation: 0.0 feet

Charging Efficiency

Battery size: 29 kWh
 Efficiency: 128 Wh/km
 Max recharge time: overnight
 Expected accessory burn – 600w

Features

Programmable touch screen
 Halogen headlights w/ hi/low beams
 12VDC accessory plug
 115VAC accessory plug
 GPS tracking
 WiFi ready
 3G ready

Performance

Acceleration (0-60 km/h)
 At 100% SOC: 4 seconds
 Maximum speed: 135 km/h

Range

210 Km at 100% SOC

Powertrain

Input voltage: 110-220 VAC
 Battery type – Li-Ion
 On-board battery charger
 Number of modules – 24
 Weight of pack – 321 kg
 Pack location – floor





Go-4



Specifications (subject to change)

Vehicle type: three wheel vehicle
 Seatbelt positions 1 (+1 optional)
 Curb weight: 800 kg
 Payload: 200 kg
 Rear wheel drive
 Hydraulic disc brakes: all wheels

Dimensions

Length 318 cm
 Wheelbase 205 cm
 Height 178 cm
 Width 133 cm
 Ground Clearance 16.0 cm

Braking From 99 Km/h

Controlled dry: 38 m
 Controlled wet: n/a
 Panic wet: n/a
 Course deviation: n/a

Charging Efficiency

Battery size: 18 kWh
 Efficiency: 125 Wh/km
 Max recharge time: 6 hrs
 Expected accessory burn – 500w

Features

Easy access sliding doors
 High seating position
 Easy egress/ingress
 High maneuverability
 Modular cargo area
 Air conditioning
 Customizable interior
 Optional lightbars

Performance

Acceleration (0-60 km/h)
 At 100% SOC: 8 seconds
 Maximum speed: 90 km/h
 Gradeability: 35%

Range

120 Km at 100% SOC

Powertrain

System voltage: 144 V
 Battery type – Li-ion
 On-board charger: 3.3 kW
 Weight of pack – 250 kg
 Pack location – floor

