

Kestrel

specifications sheet





You, Kestrel and Project Eve

The Kestrel is a different breed of Vehicle.

The first vehicle to come from Project Eve, a consortium of Canadian Companies, Research Facilities, Schools and Universities, Kestrel joins these forces to demonstrate Canada's technical and design capabilities. Co-founded by Motive Industries in Calgary, the vehicles are Canadian made with locally sourced materials and manufacturers. These vehicles are 'beta' vehicles, with your use and feedback directly contributing to how to improve zero emission transportation and the systems that support them, like the electrical grid. Each one will be fully licensed for the road and will meet (and exceed) federal safety standards.

As a user of this vehicle you will become part of one of the best stories emerging from Canada – the birth of a new automotive approach. By focusing on more than the vehicle – our approach brings together Advanced Energy Solutions, Smart Grid, Intelligent Homes and Intelligent Vehicles, to help advance our use of sustainable mobility.

Project Eve's vehicles are 'second generation' electric vehicles, with a level of intelligence that surpasses other electric vehicles offered today. Using your included EV App, you can control and program operational aspects of the vehicles, and participate in the largest electric fleet program in Canada. By doing so you also help – the ongoing advancement of Canadian EV Technologies.

- Designed, engineered and built in Canada
- Locally sourced materials
- Zero tailpipe emissions
- 100% electric - no gas required
- Second-generation advanced EV technology
- TM4 Powertrain, made in Canada
- Range up to 160 kilometers per charge
- Speeds up to 135 kph
- 4 passengers, 3 doors
- Specifications may be subject to change



Mechanical

Motor and Battery

TM4 77Kw peak AC synchronous motor
Delta Q onboard charger– 3.3kw at 220*, 1Kw at 110.
16 kWh lithium-ion battery with fast exchange capability
120 V level 1 charge cable with storage compartment
16 hour full charge level 1 (110v)
5 hour full charge level 2 (220v)*

Chassis, Suspension and Steering

Regenerative braking
Advanced aluminum safety frame
Four-wheel double-wishbone suspension
Rack-and-pinion steering
Full-size spare tire
16" alloy wheels
P205/55R16 tires

Exterior

Aerodynamic efficient design
Bio-composite body panels – no dents or corrosion
Paint film finish, no paint repairs and colour options
Front located charge port

Wide-opening front doors
Side-opening rear door
Rear fog lamps
Center high-mounted stoplight

Interior

4-passenger seating capacity
6-way manual front seats
Recline and removeable rear seats
Floor and trunk carpeting
Cargo cover
3-spoke steering wheel with integrated controls

EV app compatible to select smart devices
Advanced rear view mirror
Digital meter cluster
Remote charge door release
12 Volt power outlet

Comfort and Convenience

Power door locks with auto-locking feature
Power windows with all windows one-touch auto up/down
Cup holders
Glove compartment
Variable intermittent wind shield wipers
Intermittent rear window wiper with washer

Manual tilt steering column
Centre console
Climate + temperature
Automatic temperature control
Rear window defroster with timer



Audio and Entertainment

6 speaker audio system with smartphone integration

Telematics

Navigation system
EV App allowing for remote connection to the vehicle
Monitor battery state of charge/charging status

Select Power Provider real-time
Time charging event with grid capacity
Control of heating system

Safety

Advanced seatbelt air bag system
Side-door guard beams
3-point seat belts in all seating positions

Child safety rear door lock
Tire pressure monitoring system

Impact

Aluminum safety frame
Isolated body system to reduce impact shock

Roll structure with 'springback' feature
Battery breakaway isolation system

Security

Alarm with remote notification

Warranty

Vehicle is supported by Project Eve's comprehensive fleet vehicle support program including available upgrades during use period.

Price

Vehicle is available for a 30 month use period. One time Activation Charge is \$1500, with monthly use charge of \$1000 plus applicable taxes. Electricity charges, and tire wear and tear are for account of user.