



(1 customer review)

ENVO ST 2020

\$1,859.25

CAD

ENVO ST is the Step-thru version of ENVO e-bikes for easy hop on hop off, engineered by ENVO Drive Systems in Canada for British Columbia's steep hills, Alberta's freezing temperatures, the Maritimes' long commutes and all of the above for Quebec!

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To offer the 500W maximum legal power and up to 100Km range, ENVO D35 design does not compromise weight, look, ergonomics, to maintain a “bicycle” characteristic with added the extra boost. This is where ENVO electric bike is differentiated from most of its competitors. Switch the power off and experience the ride quality of the best hybrid bicycle.

Performance

- 22.5KG (48.5lbs) total weight
- Pedal assist and throttle
- Hydraulic disk brake
- Front suspension
- 500W Max Power
- Max Speed 32km/h

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FRAME

The ENVO ST is built with a solid, super lightweight, stylish and unisex hydro-formed aluminum alloy frame is a small and large frame size suitable for people from 5' all the way to 6'6" rider. It is capable of a rider up to 300lbs and offering an ergonomic shape, which makes it easy for the rider to get on and off. The frame is specially designed to minimize all the vibrations and noise from the

drive-system, the right wheelbase for a high speed

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paved and unpaved roads.



BATTERY PACK

The ENVO Battery powering the ST is a lizard styled, super lightweight, down tube mounting Li-Ion pack in a stylish thin ABS case with an auto-connect socket, a charge indicator, security lock and accessories. The battery is removable and can reach a range of up to 100 km level 1. The battery can be charged on or off the b

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portable CC-CV smart Li-Ion battery charger. The ENVO Battery is an A-grade branded Li-Ion battery, comprising of LG or Panasonic Li-Ion cells and a BMS that avoids battery from overcharging, overloading and other hazardous activities, thereby increasing both cyclic and calendar life of the battery. Battery cells have been selected for best operating in freezing temperatures.



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E-ASSIST SYSTEM

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The ST is equipped with an advanced pedal-assist sensor with an optimized torque emulation software. The advanced torque emulating Pedal Assist Sensor (PAS) signals the controller to run the motor between 5 levels of pedal assist, providing a boost to your pedalling depending on the level of assistance you select while riding. The ST is equipped with an on-demand thumb throttle that gives you an extra boost which activates the motor proportionally to the twist no matter you pedal or not to give you a fully electric ride in case you cannot pedal or need an instant acceleration or uphill push.

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GEARED MOTOR HUB

ENVO ST is equipped with a sealed, powerful, upkeep free, geared hub motor that offers 500W power and 60Nm torque. The bike is a street-legal bike with legalized speed, torque and power all over Canada and most parts of the US. Our motors are 50% lighter than all the rest powered geared hub motors in Canada, yet they deliver 50% more torque and 25% more battery efficiency. These ENVO motors are developed for over 20,00Km maintenance-free ride.

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TIRES

27.5"x1.95 tires, the best proven outer diameter for a commuter bike (i.e. 700C) but more cushiony which improves ride comfort, dynamic manoeuvrability, and handling in different terrains. Tires are fat and knobby enough for the best grip on wet cement, asphalt paved, dirt or gravel trails which creates minimum noise and drag for normal urban paved rides.

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FORK

Adjustable, lockable fork with solid 30mm fork legs adds to high-speed stability and handling on trails and asphalt. It reduces the shocks to the frame and battery system and provides ultimate comfort.

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SADDLE

The unisex saddles, professionally designed with

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performance pedalling, and wide enough for long upright cruises, are the most relaxing, cushion saddles with ultimate comfort and style for all riders.

AJUSTABLE STEM

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The adjustable handlebar stem on the ST, lets the rider do the ergonomic fine-tuning whether you like an absolute upright or performance pedalling position

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HEADLIGHT

The ST is fitted with high efficiency and bright LED 40 LUX headlight powered by the main battery and controlled by a keypad on the handlebar.

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TAIL LIGHT

LCD3 meter provides you with a variety of functions such as vehicle controls and vehicle status digitized displays to meet the trip demands.

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TRANSMISSION SYSTEM

Well-engineered 8 speed 48T chainring and 11-32 cassette Shimano Altus transmission help you overcome up to 25% grade when climbing a hill on gear 1 or 40km/h speed on gear 8 with gentle peddling.

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HYDRAULIC DISK BRAKE

Top of the line hydraulic disk brakes equipped with electric cut-off sensors provide more safety to the bike as well as the rider.

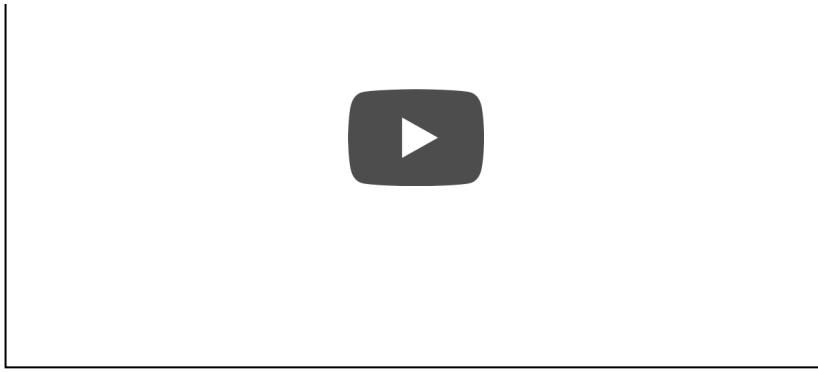
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Introducing the ENVO Step Thru 2020

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The E-Bike Solution For A Healthier Generation

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