



E-BIKES FAQ

Do I still have to pedal?

YES – if you are riding an electric-assisted bike. Electric-assist systems amplify your pedalling power – simply put: no pedalling, nothing to amplify.

There are systems, however, which are throttle-operated and pedalling is not necessary.

How fast does it go?

The electric-assist is governed at 32km/hr and won't assist beyond this point (which might feel as if the bike is braking)

– but just like any other bicycle you can always pedal harder and

How far can I go?

General range is between 70 and 150km – based on the power mode/assist level used – depending on terrain, and other riding conditions such as wind, tire pressure and whether you transport heavy grocery shoppings or just a light bag.

Can I ride in the rain?

YES – motor and battery are waterproof if not modified or “adjusted”.

Can I wash my e-bike?

YES – gently! Never use a pressure washer and never “shower” your bike from the side. That way you push dirt into bearings and can contaminate your rotors. A good wipe-down is usually all it needs.

How long does the battery last?

That depends on mileage, usage, terrain, and so on. If you are riding fairly flat terrain pushed by tail wind all the time you will experience a more extended range of the battery than climbing up mountains with head wind every day.

An average user/rider experiences a battery life span of about 5 years.

How long does it take to charge the battery?

A full charge can take between 3 and 6 hours, depending on the system. The Bosch system, for example, takes about 2 hours to charge an empty battery back to 50%.

Does the battery recharge while riding?

NO – not if you are riding an electric-assisted bike.

Some systems do – very minimal however.

How heavy is an e-bike?

E-bikes can weigh 23kg/50lbs and more; for comparison, a full-suspension mountain bike is about 13kg/30lbs.

How heavy is the battery?

Most systems have similar battery sizes and the Bosch battery, for example, weighs approx. 2.5kg/5.5lbs.

How heavy is the motor?

Mid-drive motors weigh approx. 4kg/9lbs.

Can I put my e-bike(s) on a car rack?

Generally spoken – why not?!

Make sure your rack's weight limits are not exceeded (e-bikes are heavier than normal bikes) and you can secure the bikes.

Some brands, like Thule, offer e-bike specific racks.

Can I turn my old bike into an e-bike?

There are conversion kits available like the BionX system. There are a few pre-requisites to pay attention to like having enough “storage” space for the battery and a wide enough rear hub for the motor, however.

You should always consult a bike shop and certified mechanics to add a conversion kit to your old bike! Never do it yourself.

Can I buy a new battery and how much is it?

Batteries these days offer high energy density, extensive mileage, long service life and easy handling. A new battery (Bosch, Specialized Turbo and similar) starts at \$1000, depending on performance.

– due to the technological progress in the e-bike sector, costs for batteries might change over the course of the next years. The price quoted above provides a rough point of reference only.

Can I buy a new motor and how much is it?

A new motor (mid-drive/hub) involves about the same costs as a new battery/power pack – \$1000 and up.

– due to the technological progress in the e-bike sector, costs for motors might change over the course of the next years. The price quoted above provides a rough point of reference only.

Please note that not of all the information provided above reflects the latest state of the art (pricing, systems, performance), since technology in the (e-)bike industry is constantly evolving and progressing.

If you have any questions or are looking for more information about e-bikes and systems we carry and are certified in servicing, please contact us by either coming to the store, give us a call or send us an email.

OAK BAY BIKES, 1990 Oak Bay Ave, Victoria, BC
250.598.4111 | www.oakbaybikes.com
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