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ADVENTURE

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ABOUT E-BIKES

What’s an e-bike? We’re glad you asked.

Emerging in the 1890s, e-bikes (or electrical bicycles) are bikes with integrated motors that complement your power. Think of it like swimming – with flippers on.



WHY MORE RIDERS PREFER E-BIKES

Easy & Convenient With an e-bike, you can travel to and from the office or other places – without getting sweaty. E-Bikes also make it easier to ride longer distances, uphill and against strong winds.	Gentle on the Body E-bikes are ideal if you experience physical conditions such as joint pain. The support from the motor relieves stress on the knees and hips, allowing more people to enjoy the benefits of e-bikes.	Affordable & Eco-friendly More Australians are selling their cars and replacing them with e-bikes. Unlike cars, e-bikes don't require licences, registrations or petrol. This means they can save you big costs – while being kinder to the environment.
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THE NUTS AND BOLTS OF E-BIKES

Motors (mid-drives)

E-bikes are supported by mid-drives, which are powered by batteries. Mid-drives make it easier to ride up hills and travel further for longer.

The mid-drive on your e-bike automatically adapts to your pedalling speed and pressure. You can also manually adjust the support level as you ride – or turn it off completely.

When it comes to motor torque (how quickly your e-bike will accelerate), several levels are available.

If you're riding in mountains, you'll want the highest degree of torque to cope with the steep hills. But if you're just commuting to work or doing rail trails, a lower level should do.

Speed

Your speed will still depend on how fast you pedal. But once you reach 25km/h, the mid-drive no longer supports your pedalling. This is due to an Australian regulation introduced in 2012 that limits speed.

Batteries

A quality battery should last at least six years and can typically cover 60-80km per charge.

Most e-bikes come with several battery options, including lead-acid, nickel-cadmium, nickel-metal hydride and lithium-ion.

At Dolomiti, we can tell you the benefits and features of each, and recommend what's best for you – whether you're looking for greater battery life, a higher voltage or a subtle, simple style.

You can also use the **Bosch eBike Range Assistant** to [find the battery capacity most suited to your needs](#).

Durability

With proper maintenance, e-bikes generally last X years. They're also 100% waterproof, so you can ride – come rain or shine.

MAINTAINING YOUR E-BIKE

Local support matters

It's important that the brands who supply the parts for your e-bike offer local support. If they don't, you'll have nowhere to turn should functional issues arise.

At Dolomiti, all the brands we work with, such as Bosch, Shimano and Fazua, are available to help you. We also have specialist mechanics in our dedicated workshop to maintain and repair your e-bike.

Measuring performance

You should always be able to check the statistics of your e-bike, including:

- ✔ Its overall health
- ✔ How many times the battery has been charged
- ✔ How many kilometres you're getting per charge

We'll give you a full report of your e-bike and run through key diagnostics – so you can compare with future data. We also provide software updates and service reminders to enhance your bike's ongoing performance.

HOW TO FIND THE RIGHT E-BIKE

There are thousands of e-bikes out there. That's why our first question will always be... why are you buying one in the first place?

This quick guide should get you on the right track from the outset.

Commuting If you need an e-bike for riding to and from work, you want a model with a forward sitting position, long handlebars positioned down in front, a narrow seat and thin tyres.	Cruising Want easy riding? Then look for an e-bike with long, wide handlebars, leather grips, well-cushioned seats, thicker tyres – and an upright riding position.	Adventure Adventure-seekers need e-bikes that can tough diverse terrains. If this sounds like you, you'll want wider tyres, higher motor torque, full suspension, greater battery capacity and quick handling.	Family Travelling Pedalling for more than one? Look for a cargo e-bike that has space for your family members, seatbelts, a high-rise handlebar and a low frame.
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Taking a test ride

By trying different e-bikes, you can get a feel for various technologies, motor torques and styles. Make sure the area you ride in has different terrain, such as hills, so you can explore the e-bike's full capabilities.



Interested in an e-bike?

Then pop by our showroom – and let's chat.



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