
Advantages of an Electric Bike

Living in a hilly location.

Challenged mobility or fitness.

Rapid and easier movement from an intersection.

Keeping up with traffic and other cyclists.

Avoiding sweat – particularly if your workplace doesn't have shower facilities.

Functions of and Electric Bike

Most electric bikes work by assisting your pedal movement as you're riding – meaning you still must do at least some of the grunt work. The motor cuts in when your speed drops below a certain level, giving you that little extra push.

Some electric bikes have a throttle, so you don't have to pedal at all, and some have both throttle and pedal assist.

Electric Bike Purchase

Electric bikes aren't cheap. They range from \$995 for a conversion kit for your existing bike to more than \$8000 for a ready-made cycle with all the trimmings such as lights, racks and panniers. They generally come with guards for wheels and the chain, making bike commuting a cleaner prospect.

Avass Premium Electric Bikes range from \$3000 to \$5000

Battery Performance

Electric bikes only get you so far before needing a recharge. Some claim a limit of 20 km, while others claim up to a more impressive 100 km between charges. Most give a broad claim because it depends on many variables.

All Avass Premium Electric Bikes have a minimum 100 km range with a swingle charge

Hills, headwinds and carrying a lot of weight drain the battery further, and using a throttle drains the battery more quickly than a pedal-assist system does.

Typical recharge time is one to four hours. An 80% charge is as quick as 10 minutes.

POWER ASSISTED BICYCLES (PABS)

The traditional category of Electric Bicycles and Tricycles is basic, straight forward and has a 200W motor output. The motor is activated by either a 'twist grip accelerator' OR by 'pedal activation'

ELECTRIC POWERED ACTIVATED CYCLES (EPAC)

The second category is 250W motor output where the motor is ONLY activated by 'pedal activation'. In short you MUST pedal always to activate the motor and if you STOP pedalling, the motor stops.

BIKE HIRE AT AVASS

Electric Bike pricing is \$100 for first day, and \$50 per day thereafter.

If you choose to purchase the bike after your rental period, we can transfer your rental cost as your deposit on the bike.

All we need is an Australian License (or similar photo ID) or an International Passport and a refundable security deposit of \$1000 we can send you on your way. Our rental fleet has varied sizes available, all with assorted options including mudguards and stand.

Contact us for further details or to make a booking.

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