



HIGH PERFORMANCE BUILDING SOLUTIONS



Electric vehicle (EV) chargers

Faster, safer EV charging with smart phone control

EV's are the future of transportation and with the Climate Change Commission proposing that nearly all vehicles entering the country's fleet are electric by 2035, preparing now is smart. It is best that EV charging stations are wired in before the house is lined - ready for future use. Smart chargers offer:

- **Faster charging than an in-wall 3-pin plug**
Higher power output; for example, a long range Tesla Model 3 will charge in 9.5 hours with a 7.4kw charger vs 41.2 hours with a standard 3-pin plug
- **Added safety**
Chargers lock onto the car and can't be accidentally knocked or pulled out
- **Smart charging phone operation**
EV charger software can monitor usage and schedule charging, with options for load balancing and can also be set up to use solar power
- **Cable options available to suit all electric vehicles**

info@enveloped.solutions

enveloped.co.nz

The information in this literature is intended to be used as a general guideline only and is subject to change without notice. While care has been taken when developing this information the company and its employees cannot be held responsible for any errors.

October 2021

EVBox Elvi

The Elvi EV smart charger is easy to install and maintain. With a number of options, an Elvi EV charger base can be pre-installed by your electrician and you can click the main unit into place when you get an EV later. Made in the Netherlands.

- Flexible options: if you have 3 phase power you can install a higher wattage version making charging faster
- Can also be set up to use solar power
- Own app - schedule charging to take advantage of off peak power, locking function to limit users, track usage e.g. for company cars
- Available as a universal socket or tethered (our recommendation is socketed for flexibility)
- May be eligible for Homestar points as they deliver a minimum charging rate of 3.6kW, have their own circuit breaker, and utilise the Open Charge Point Protocol (OCPP)
- Optional extra to load balance against other household appliances and reduce load to the car accordingly



EO Mini Pro 2

A small smart charger that is ideal for everyday use, and can be mounted inside or outside. Made in the UK.

- Use the EO smart phone app to start, stop and schedule your charging
- Available as a universal socket or tethered options
- Optional extra to load balance against other household appliances and reduce load to the car accordingly
- Optional extra is to use the EO Mini Pro 2 solar matching functionality

