

EV Readiness Board

Electric vehicle readiness in
apartment blocks

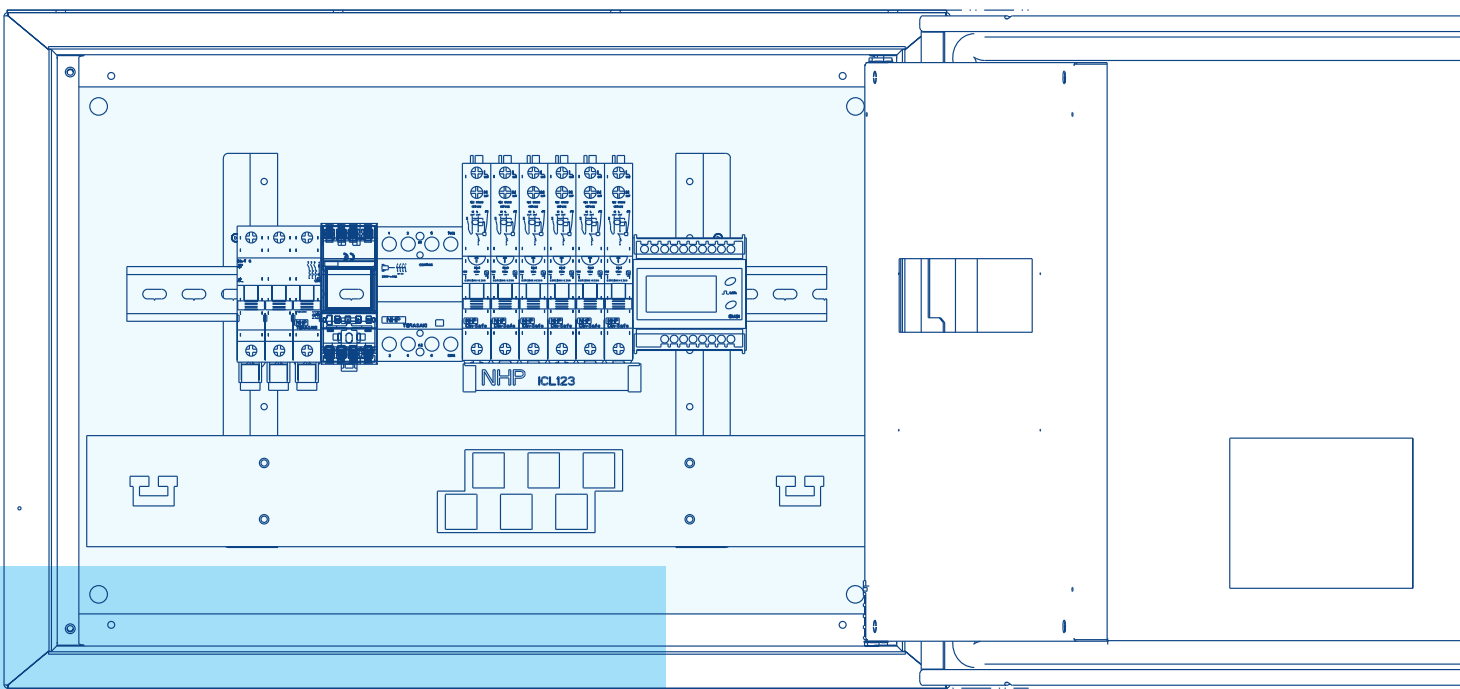
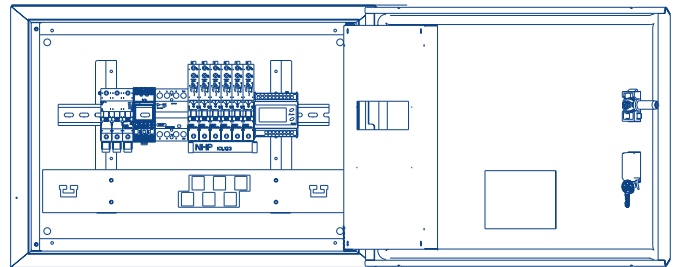
SMART DISTRIBUTION

Electric vehicle readiness in apartment blocks



Australian apartment buildings are increasingly being asked to support their residents in the installation of electric vehicle chargers in existing buildings.

There are several key challenges, which NHP has worked with representatives of Owner's Corporations to address.



NHP's EV Readiness Board can be quickly and easily installed in most apartment buildings. Each board will support up to six electric vehicle chargers.

Most apartment buildings can support EV charging for at least 25% of dwellings this way.

Making an established apartment building ready for every car to be electric can be very costly.... but getting ready for 25% of owners to shift to electric cars over the next 15 years doesn't need to be!

NHP has undertaken extensive modelling work on data from a wide range of apartment buildings to arrive at a single, scalable solution that will work for most apartment buildings.

Electrical capacity at the site

To avoid significant upgrades to existing electrical equipment, charging needs to be scheduled when other demand is low.

NHP's EV Readiness Board contains a programmable timer. Car charging only happens when building demand is known to be low, delivering up to 150km worth of recharging per vehicle every night. No switchboard upgrade needed.

'User pays' for the electricity

EV charging equipment will often be supplied from common property power. NHP's EV Readiness Board contains metering for each charging circuit to enable costs to be passed on to the user, should they wish, subject to local energy regulations and strata bylaws.

The shared infrastructure needs to be cheap!

An individual owner can pay for the installation of their EV charger and connection to the EV Readiness Board, but the infrastructure to enable multiple EV chargers to be installed is a shared expense. NHP's EV Readiness Boards will typically cost less than \$5,000 fully installed by the preferred contractor at the site, for that shared infrastructure.

No lock-in contracts or ongoing costs

Where possible, avoiding lock-in contracts and substantial ongoing costs is generally a good idea. EV charging is no exception!

Unlike other EV solutions on the market, NHP's solution involves no ongoing costs or contracts.



Ready to learn more?

Email us at sales@nhp.com.au

or see our website:
<https://www.nhp.com.au/Power-Distribution/Electric-Vehicle-Chargers>

Who are NHP?

NHP

Specialists in electrical and automation products, systems and solutions.

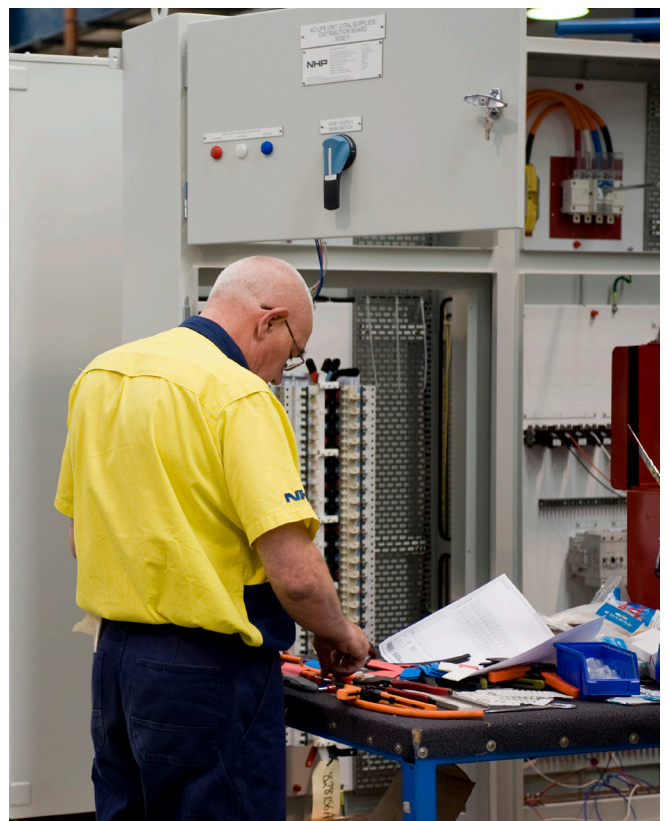


With 50 years of industry experience, NHP is consistently chosen as the partner of choice for leading electrical projects in Australia and New Zealand.

As a privately held, locally owned business we have established a network of metro and regional locations that ensure our people, products and services are available where and when you need them.

With leading experience across the broad landscape of local industries, we offer the capabilities to design solutions and service application and technology challenges that are experienced now and into the future.

We proudly manufacture many of our products right here in Australia, including the **EV Readiness Board**.



The NHP logo consists of the letters 'NHP' in a bold, white, sans-serif font, centered within a dark blue square background.

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