

“SEP provides an all-in-one distribution solution for integrated EV Charging systems. Utilizing ABB Ability™ enabled componentry & cloud-based software, SEP have created a seamless distribution system for EV Charging that is reliable, durable, cost effective and attractive to both operators & their customers.

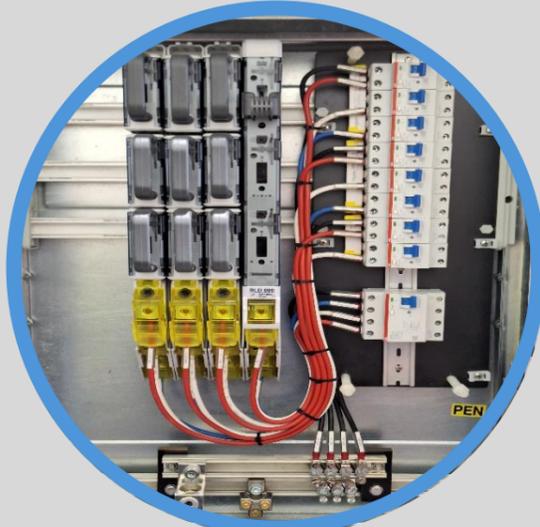
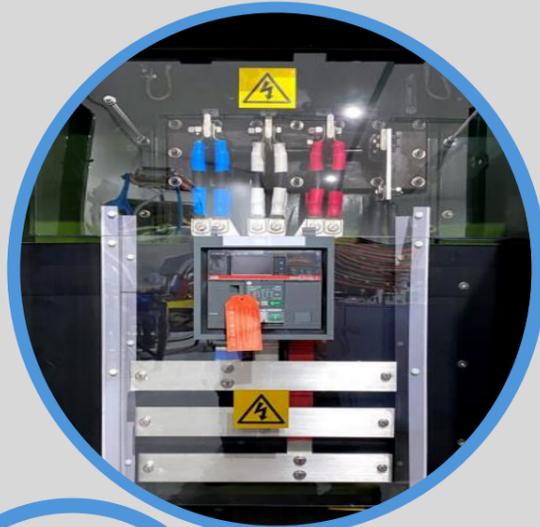


ABB SACE Emax 2 Circuit Breaker

- Compact & triple certified
- 8 communication protocols
- Cloud connectivity via ABB Ability™
- User friendly commissioning tools
- Evolving platform
- Embedded Bluetooth



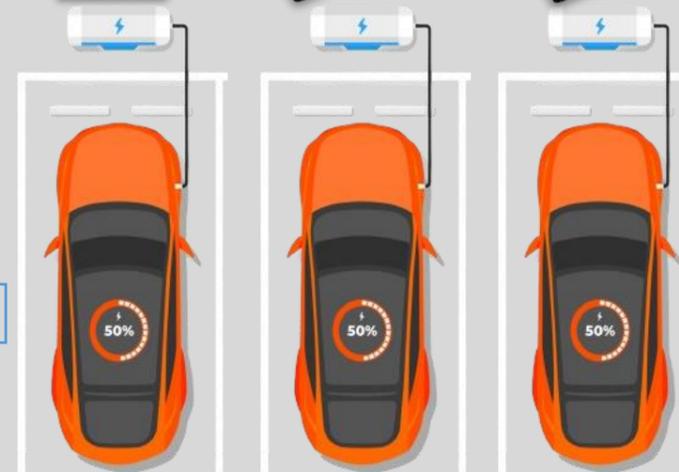
Key Product Benefits

- Highly durable and weatherproof
- IP56 Rated SEP Fabricated enclosure.
- Easy to install and maintain.
- Both single Phase and 3 Phase
- Proven reliability
- Easy to add extra charger stations.
- Full ABB support system
- All in one solution for LV Systems



SEP Modular Cabinet

SEP EV Charging Pedestal



“SEP Design & fabricate specialized products for industry and the public sector”

In conjunction with ABB componentry Stainless Electrical Products create innovative & industry leading solutions to an ever-changing environment.

Backed by 70 years of Electrical expertise S.E.P provide turnkey solutions for end users by utilizing the latest Technology.

In 2010 we were approached by ABB Ltd New Zealand to manufacture and install LV racks into transformers for ABB clients. We manufacture a range of LV racks fitted into transformers, standalone custom manufactured stainless-steel enclosures (complete with copper bus bars) or supplied as a prebuilt rack only. We are also an appointed Technical Distributor to support the ABB Low Voltage Fuse gear range for the utilities sector. We carry full stock of InLine II Disconnects, Metering Products and OT switches.

We can offer you a complete solution from the supply of the LV rack components to a complete assembled solution designed and built to your specific requirements.



MODULAR DISTRIBUTION CABINETS

“S.E.P Modular Cabinets have been designed with practicality and versatility in mind”.

S.E.P Modular cabinets are stackable Stainless enclosures that bolt together with each module separated from the next by a gland or separator plate.

This gives the user the capability to assemble multiple levels of enclosures attached together as one cabinet.

Fitted with ABB Hardware these cabinets can power both single phase and 3 phase EV charging stations.



Application Benefits

- Highly durable and weatherproof
- IP56 Rated SEP Fabricated enclosure.
- Available in Grade 304 or 316 Stainless steel
- Easy to install require no maintenance.
- Variety of sizes with custom options available
- Multiple mounting options
- Fully secured units with lockable systems
- Hinged or removable doors
- 180 grit grain finish or can be powder coated.

Product uses.

- Feeding pillars for EV Charging stations
- Main distribution boards for various industries
- Road lighting supply boxes
- LV Side of 15KVA to 1500KVA Transformers



S.E.P EV CHARGING STATION

“Built to withstand temperatures from subzero to the extremes of summer heat”.

Manufactured from Grade 304 Stainless steel S.E.PEV Charging pedestals are the durable long-life solution to expanding your EV Charging units.

Paired with ABB EV all-weather charger units and grid software, these units offer a cost effective and reliable solution for the operator and customers.

The S.E.P Modular distribution cabinet paired with our EV Charging pedestal allows for additional feeder units to be quickly and easily installed essentially future proofing the installation allowing further development at a later point in time.

Key Product Benefits

- Long life durability
- Cost effective future proofing solution.
- Ability to add extra units quickly and safely.
- Credible ABB reporting software & support
- Suitable for single phase and 3 phase installations

LV TRANSFORMERS / MODULAR CABINETS SPECS

Made in New Zealand & Assembled in our SEP Workshop

LV Racks or Purpose-Built LV Internal Fitout

LV Modular Cabinets

Made in New Zealand & assembled in our SEP Workshop

Customisable to your exact requirements (size / Amps / fitout)

Tinned copper busbar

Touch proof covered busbars improve operational safety.

Transformer isolator or direct busbar connection

XLPE Flexible fine stranded conductor cables for easy transformer connection

Modular design enables easy customisation of mounting, assembly, and expansion.

Accommodates both 1 phase and 3 phase fused disconnectors.

Optional integrated street lighting and local control is available.

Frame and mounting are made from 304 Stainless steel for longevity.

Mounted on Type X insulation board.

MDI's & CTs rated to suit transformer size.

LV Racks Available in 3way to 9.5way (0.5 to accommodate 160A Disconnect)

LV Panels / Kiosks and Modular cabinets available as turnkey solution up to 2500A

