

## SEVR PTY LTD – Electric Vehicle Charger Installation Rates

### Charge Out Rates

Unit		Retail***	GST
Single Phase	Up to 50km	\$895.00	EX
Single Phase	Up to 100km	\$1065.00	EX
Three Phase	Up to 50km	\$1295.00	EX
Three Phase	Up to 100km	\$1450.00	EX

\*\* Includes an RCBO, suitable isolator.

\*\* Additional works and variations will be charged direct to the customer at \$110.00 per hour EX GST.

### Our Standard Installation Includes:

- RCBO Type A protection device in the existing utility panel box
- Installation of a 7.2KW / 32 AMP Single Phase EV Wall Charger. (Maximum Demand/Current setting to be determined on site).
- Dedicated circuit approximately 15 Meters of wall/ceiling mounted cable. (Inc, PVC surface mount conduit) (No more than 400mm of Flexible PVC Conduit in Visible Locations).
- Isolation switch mounted readily accessible to the EV Wall Charger.
- The charging station will be installed at customer preferred location per assessment.
- The charging station will be fully tested and certified as operational.
- Turnkey Residential Installation Process
- The customer is contacted within 24 hours of an initial enquiry.
- Install to be completed within 5 business days following install date confirmation.
- 12 month warranty on installation

### Scope of Works

If work required exceeds the standard installation, SEVR Pty Ltd, or its referred contractor will provide an individual quote for further work.

The standardised installation makes provisions for single-phase connections with a charger installed within 15 meters of a buildings electrical box.

The installation only makes provisions for a customer's existing available electricity and does not include costs involved in having to upgrade a domestic electricity supply i.e., 3-phase when only single phase power available at the home.

Work to be conducted within normal business hours.

### A standard installation does not include:

- Any electrical remedial works to meet current wiring regulations.
- Any additional safety works or electrical upgrades to make sure your meter and switchboard meet regulations, as well as obtaining consent or permits from any authorities (such as your local council or body corporate).
- Any groundworks or other civil works
- Any underfloor work (other than easy under house access)
- Any hidden or structural location not in the ordinary course of installation
- Work over multi storeys house
- Mains or incoming electrical supply cable upgrades
- Switchboard upgrades or three phase power upgrades
- Installation of an EV charger in an apartment building

For any installation that does not fall within the standard install guidelines, SEVR Pty Ltd will provide the customer with a quotation for any additional costs.

### Let's define a Standard installation

#### Switchboard:

Fig 1:



Fig 2:



Fig 3:



Fig 1 has no available space and may need an upgrade at additional cost.

Fig 2 will be fine for a single phase EV Charger only, no switchboard upgrade required.

Fig 3 will require a full switchboard to a compliant level. Mains may also require an upgrade in this instance.

#### Circuit breaker, Isolator, and cable

The circuit protection which will be installed in your switchboard will be in the form of a Standard RCBO, you will have to investigate if your EV Charger has internal RDC-DD (Residual Direct Current-Detection Device) otherwise it will be required to be a Type "B" RCBO which are an additional cost. All SEVR units only require a standard Type "A" RCBO.

The cable required to cover the up to 15m will be:

- for a single phase 7.4KW unit at 32 amps will be a minimum of 6mm<sup>2</sup>,
- for a three phase 11KW unit at 16 amps/phase will be a minimum 4mm<sup>2</sup>,
- for a three phase 22KW unit at 32 amps/phase will be a minimum 6mm<sup>2</sup>

There will be an isolator required adjacent to each unit installed and these isolators will be suitably rated to match the EV Charger whilst also being IP65 rated and lockable.

### Electrical Rules outside of our control

All installations will be compliant with AS/NZS3000 wiring rules, in addition the installation will be compliant with state-based rules known as Service and Installation Rules (SIRs). How these effect the installation is through the determination of the maximum charge rate of your charger and the maximum power available for use at your property.

Example: SIR's in Queensland state, regardless of the charging capacity of your charger, will be capped at 20 amps single phase or per phase on a 3 phase installation.