



Service Today, Adelaide's Top Electrical Service, Publishes Guide on Installing an Electric Vehicle Charging Station at Home

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Service Today, a company offering electrician services in Adelaide, SA and neighbouring areas, has recently published a blog post that serves as a guide to installing an electric vehicle charging station at home. The installation of 3-phase power may be needed if one wants the electric vehicle to be charged as quickly as possible. However, newer electric vehicles now have bigger battery packs and can use load sharing electric vehicle supply equipment (EVSE) car apps, and EVSE phone apps, which allow hassle-free charging without requiring 3-phase power.

A number of factors can affect the cost of installing an electric vehicle charging station. These include: how old the home is; the size and type of the house; if there is already an existing power supply; where the charger will be installed; and installation of solar panels and electrical storage batteries. It should be noted that the installation of the most basic of Mode 2 EV Chargers that are provided with an electric car can actually be connected to a regular wall plug and used for charging, with no installation expenses at all. However, the Mode 2 Charger is very slow and is not capable of charging an electric car from zero to full charge overnight.

The best place for connecting an electric car to a charger is in the garage. Adding solar and battery systems can make the installation more complex and costly. However, regardless of the type of installation requested, it is vital to have it installed by a reliable and dependable electrician. Proper installation of the EVSE will minimize the risks of fire and other dangers that can arise from poor quality electrical installation, as well as prevent the new electric vehicle from damaging the converter, electric circuits in the electric car, and batteries. More about this can be gleaned from <https://www.servicetoday.com.au/blog/homeowners-guide-to-installing-electric-vehicle-charging/>.

The installer of an EVSE in the home has to be an experienced and licensed electrician, who will need to visit the home and inspect and understand the existing electrical system. The electrician will check if it is possible to install the EVSE with the current electrical power demand for the home, determine the practical location for the EVSE, and then provide a quote in writing, including the details of the workmanship and product warranties. The experienced electrician will then setup the EVSE in such a way that the electric vehicle can be charged as efficiently as possible.

At the present time, the cost of charging an electric car at home ranges from \$0.15 and \$0.30 per kWh, which is approximately half the cost of a level three public charging station, which ranges from \$0.30 to \$0.60 per kWh. Charging at home for small EVs will cost from \$7.00 to \$15. For longer range electric cars, it will cost from \$11.00 to \$25.00 for a full charge. A fully charged small EV can travel up to 350 km, which is approximately the average distance that Australians drive each week. Electric vehicles can provide great value on a per kilometer basis compared to traditional vehicles. Their weekly costs are only about half that of the typical motor vehicle. Furthermore, installing an electric vehicle charging station in the home can increase the value of the property. In 2021, 76 percent of the houses sold in Australia with an EVSE installed had a higher than expected selling price compared to similar properties in the areas without an EVSE installed.

Service Today offers the services of electricians in Adelaide, SA, with the promise that they will reach the client within 30 minutes. They offer fast service for electrical tasks, such as emergency situation lighting repairs and switchboard problems. Their after hours electricians have substantial experience in electrical repairs. They provide a range of \$0 deposit, interest totally free payment options and they are familiar with Adelaide and neighbouring residential areas. And they keep themselves up-to-date on the latest developments.

Those who are in need of the services of an electrician in Adelaide can check out the Service Today website,

or contact them on the phone or through email.

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For more information about Service Today, contact the company here: Service Today Zak Saboune 1300 859 383
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Service Today

Service Today is a 24 hour emergency electrical and plumbing service providing quality professional support to the people and businesses of Adelaide and surrounding suburbs.

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