Garage transformed electric car outlet

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Electric cars are still relatively new, but they are growing in popularity due to their eco-friendly benefits and the simple fact that they don"t require gas. Instead, electric cars need to be charged in order to run.

But only relying on charging at remote locations is not a good idea. Some EVC (Electric Vehicle Charging) stations are affiliated with hotels or businesses that only offer the service privately to guests or employees. Your best bet is to install your own charging station in your garage.

First, you should know the electric "charger" is actually buried inside the vehicle. It takes the AC source from the electrons or "juice" supplied and converts it to DC so your car"s battery pack can be charged.

The part you need to purchase is the wall-mounted box with the cord and plug that supplies the volts of electricity. Technically, it"s called Electric Vehicle Service Equipment or EVSE. It allows drivers to safely connect to a source of electricity.

Depending on the model you drive and your driving habits, you"ll want to install either a 120-volt/12-amp outlet or a 240-volt/20-40-amp outlet. The rule of thumb is: a 240 EVSE service roughly gives you 23 miles (or 37 kilometres) of range each hour of charging.

Sharing a circuit with additional appliances will slow down thecharging process and make it difficult to properly power your vehicle cause of the added demands on your home wiring that comes with charging an electric vehicle, find a certified electrician who is familiar with the process.

Make sure you give them advance notice for the installation, as there may be permits to obtain to complete the work. Also, an inspection will be needed when the work is completed.

Next, consider climate control in your garage. Electric car batteries do not handlefluctuating weather well, and while storing your car in the garage will help tremendously, you can do even better.

We can help create more space for indoor parking with our storage systems, update your garage"s appearance, and make your garage more suitable for parking an electric car in during the winter.

Hello Reddit electricians! When I had my garage redone I worked with the contractors to bring in the most amperage possible to the garage given the main panel and the existing line from the house. With the room they had, they brought in 60AMP to my sub-panel and told me I would have options in the future since I had planned to eventually get an electric car.

As I get closer to actually pulling the trigger, I"m revisiting the electrical situation and considering my options

for at home charging since it"s been a couple years. Just wondering what the best/most flexible option is! Here is a picture of the main panel! Thanks in advance for the advice. If you need more info let me know I can provide, first time posting on this subreddit!