

A close-up, dark-toned photograph of an electric vehicle charging cable and connector. The cable is black and has a white connector with a yellow stripe. The text "chargepoint" is visible on the connector. The background is a dark, textured surface.

# Electric Vehicle Home Charger Checklist

Provided By

**Rochester** ⚡ **EV**

[RochesterElectricVehicles.com](http://RochesterElectricVehicles.com)

## Finding The Right EV Home Charging Solution For You

There are a lot of things to consider when getting a Level 2 home charger installed to fuel up your electric vehicles. Rochester Electric Vehicles has put together a checklist of things to consider and talk to your installer about.

Note: This checklist focuses on things to consider for a single family home. For multi-family homes or businesses, there may be more things to consider or factors outside of your control.

### Future Planning Considerations

If you're considering electrifying other appliances in the future, talk with your installer about these plans so you can also plan for future capacity. If your goal is to charge with renewable energy from solar you may be able to schedule charging during times solar is being generated or utilize home batteries.

#### Future Planning Considerations Checklist

- Are you planning on further electrification projects in the future?
- Are you planning on using home solar now or in the future?

### Energy Management Considerations

Depending on your current power available and being used, you may have enough room to add charging for your vehicle. You may want or need to use a smart load management tool or you may want to consider a service upgrade if you plan to do future electrification.

#### Energy Management Considerations Checklist

- Do you have enough energy capacity?
- Do you need a service upgrade from your utility?
- Do you want or need load management?
- Where is the electric panel in relation to where the charger will be placed?

## Vehicle Considerations

Different types of electric vehicles have different charge ports (the place where the charger plugs into) and can be placed in different areas of the vehicle. You should consider charger and vehicle(s) placement as well as charger plug type, adaptors needed, etc.

### Vehicle Considerations Checklist

- What types of vehicle(s) will you need to charge now or in the future?
- How many vehicles do you need to charge?
- Where are the charge ports on the vehicles?
- Do the vehicles you need to charge use the NACS (Tesla) or J1772 style charge port?

## Home Charger Considerations

There are more charger options available today than ever before. Which charger you select should be decided by your specific wants and needs.

### Home Charger Considerations Checklist

- What type of charger are you interested in using?
- Will the charger be inside or outside and need to work in various types of weather?
- Will the charger be in a detached garage or away from the power source?
- What is the optimal charger placement for the vehicles it will be charging?
- Do you have a preference of hardwired or a NEMA style plug?
- Do you have an adapter if your vehicles have 2 different style charge ports?
- Are you wanting to have access to track, manage, and schedule charging from a phone app?

## Programs For Chargers & Energy

Rochester area utilities offer incentive programs for charger purchase as well as special rates for energy used such as Time of Use programs. These programs incentivize charging during off-peak hours when energy use is lower and in return you get a lower cost.

There is also a 1-time Federal Tax Credit available for 30% up to \$1000 for offsetting the costs of the charger and installation labor.

### Programs For Chargers & Energy Checklist

- Rochester Public Utilities Time of Use Program
- People's Energy Cooperative home charger and Time of Use Programs
- Federal Tax Credit for charger and installation costs

## Ready To Start Charging Your EVs Faster At Home?

Visit the Rochester Electric Vehicles website by clicking the link or scanning the code below to learn more and request your free estimate for EV home charger installation.

[RochesterElectricVehicles.com/home-charger](https://RochesterElectricVehicles.com/home-charger)

