



## Residential ELECTRIC VEHICLE CHARGER

Design Criteria Requirements  
(2023 NEC & 2021 IRC)

### Submittal Documents Residential:

- Completed [Application](#) with all contractors listed and a General and Electric values breakdown.
- A brief description of the scope of work on the application.
- Specs for the EV charging station.
- Indicate whether to hardwire the charging station or install a NEMA receptacle. Provide the amperage of the NEMA receptacle and or charging station.
- Is the charging station or NEMA outside the garage? If so, we will need to be WR-rated.
- Is the charging station or NEMA inside the garage?
- Do you need a rough electrical inspection?
- Do you just need a final electrical inspection?
- Please note: If you have the following Plan Review Typical Comments detailed on your plans, this will speed up the process for issuing the permit.

### Plan Review Typical Comments:

1. Where will the charger be located? (inside or outside garage).  
Location on site plan?
2. Is this a charging station or a NEMA Receptacle?  
WR rated for outdoors?

### Inspections:

1. Electric Rough - Only When Needed.
2. Electric Final - Always.