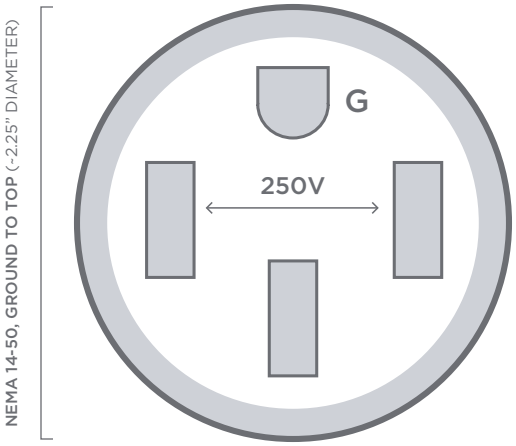
Need help finding a qualified electrician, or have questions about home charging installation?
Contact Tesla at: ChargingInstallation@teslamotors.com or 1-877-798-3752

INSTALLING YOUR 240 VOLT OUTLET

Every Model S includes the Mobile Connector, which is a 20-foot long cable with a set of adapters for standard electrical outlets. The NEMA 14-50 adapter ensures the best charging experience with the Mobile Connector.
Tesla recommends installing a 240 Volt outlet with a NEMA 14-50 receptacle where you plan to park your vehicle. This is a common outlet, often used for home appliances, and the electrician you hire for the installation will provide all necessary materials. You can charge your Model S from this outlet at a rate of 29 miles per hour.

Below you will find all relevant information required for an electrician to complete the installation. Note: municipal building departments frequently require a permit and inspection for any electrical modifications in your home. Any licensed electrician will be able to take care of this paperwork and provide a copy for your records.



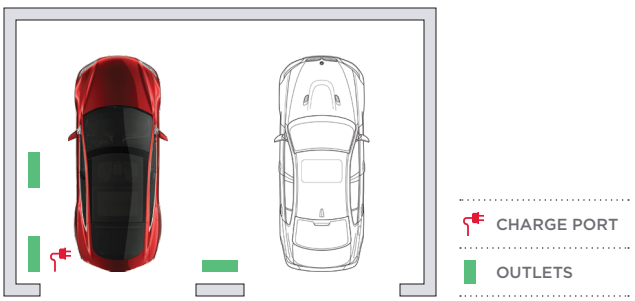


DETAILS

- **Voltage:** Single phase, 208-250 Volt AC supply, 60 Hertz
- **Current:** 50 Amp circuit breaker / 40 Amp continuous current
- **Wiring Recommendation:** 6 American Wire Gauge, copper conductors only
- **Ground Fault Circuit Interrupter:** Not required
- **Service Disconnect:** Not required
- **Receptacle Recommendation:** High quality, industrial grade receptacle
- **Location:** Install near vehicle charge port, maximum 15 feet away. Minimum 18 inches above ground.
- **Electric Code Compliance:** Installing electrician will source permit and inspection as required by local municipal building department

RECOMMENDED OUTLET LOCATIONS

ONE OR TWO VEHICLE GARAGE



FOR YOUR RECORDS

ELECTRICAL COMPANY

PHONE NUMBER

EMAIL ADDRESS

PERMIT NUMBER

INSTALLATION DATE