

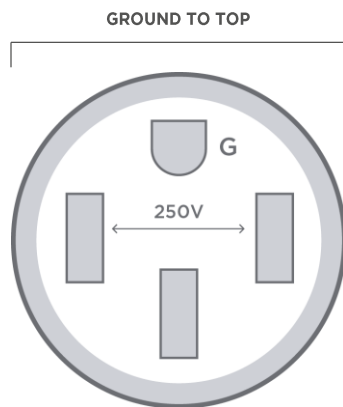


INSTALLING YOUR **240 VOLT OUTLET**

The recommended home charging installation for Tesla vehicles is a 240 volt NEMA 14-50 outlet. This outlet is commonly used for electric ranges and large recreational vehicles. Installed with a 50-amp circuit breaker, this outlet enables a recharge rate of about 25 miles per hour.

Consult a licensed electrician to review the electrical load of your home prior to installation. They will design your charging system and obtain a permit for a general purpose NEMA 14-50 outlet from your local building department. After installation, the electrician will schedule an inspection to approve the new electrical circuit and design.

This guide provides reference for specifications to install this outlet. Since each installation is custom to the home, all hardware for the NEMA 14-50 outlet will be provided by your electrician.



NEMA 14-50 DETAILS

- **Voltage:** Single phase, 208-250 volt AC supply, 60 hertz
- **Circuit Breaker:** 50 amp (125% overcurrent protection)
- **Operating Current:** 40 amp (maximum continuous current)
- **Conductors:** 6 AWG, Copper Wire Only. Upsize wiring for installations over 150 feet
- **Ground Fault Circuit Interrupter:** Not required
- **Service Disconnect:** Not required
- **Receptacle Recommendation:** High quality, industrial grade receptacle
Examples: Hubbell part # HBL9450A, Cooper part #5754N
- **Ventilation:** Not required
- **Outdoors:** Install with NEMA 3R rainproof enclosure

RECOMMENDED **LOCATIONS**



 CHARGE PORT

 RECOMMENDED LOCATION FOR 240 VOLT OUTLET

ADDITIONAL **RESOURCES**

EMAIL

CHARGINGINSTALLATION@TESLA.COM

PHONE

650.681.6133 (M-F)

24/7 TECH SUPPORT

877.798.3752

WEB

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