



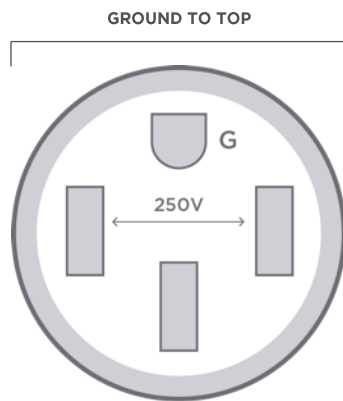
INSTALLING YOUR **240 VOLT OUTLET**

Every Tesla vehicle is delivered with a Mobile Connector and adapter to plug into a 240 volt NEMA 14-50 outlet. This is a standardized receptacle, commonly used for electric ranges and other large appliances.

Installed with a 50-amp circuit breaker, the NEMA 14-50 enables a recharge rate of about 32 kilometers per hour for Model X and 37 kilometers per hour for Model S.

This guide provides technical details for a NEMA 14-50 outlet intended for use with a Tesla vehicle. Every installation is custom to its location, so all hardware will be sourced by the hired electrician.

We recommend plugging in every day to top off the battery of your Tesla.



NEMA 14-50 DETAILS

- **Voltage:** Single phase, 208-250 volt AC supply, 60 hertz
- **Circuit Breaker:** 50 amp
- **Operating Current:** 32 amps
- **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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