

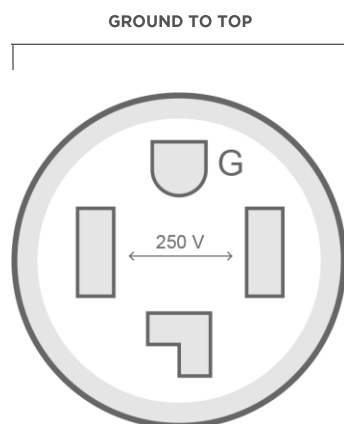


INSTALLING AN ALTERNATIVE **240 VOLT OUTLET**

A 240 volt 30 amp rated outlet can be installed as an alternative to the NEMA 14-50 outlet for home charging. Called a NEMA 14-30, this outlet is commonly used for newer electric dryers. To utilize this outlet, purchase the NEMA 14-30 adapter from the Tesla website.

The NEMA 14-30 outlet is best installed in situations where the electrical system cannot accommodate the power demands of the NEMA 14-50 outlet. This outlet will provide a maximum of 24 amps to the vehicle, resulting in recharge speeds of about 17 miles per hour for Model S and about 15 miles per hour for Model X. Typically, this recharge rate is more than enough to top off the battery overnight.

Like most home improvement projects involving your electrical system, a local permit and inspection may be required.



NEMA 14-30 DETAILS

- **Voltage:** Single phase, 208-250 volt AC supply, 60 hertz
- **Circuit Breaker:** 30 amp (125% overcurrent protection)
- **Operating Current:** 24 amp (maximum continuous current)
- **Conductors:** 10 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 # HBL9430A, Cooper part #5744N
- **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

TESLA.COM/SUPPORT

ONLINE STORE

SHOP.TESLA.COM