

# MOBILE CONNECTOR - NEMA 14-50

## INSTALLATION GUIDE



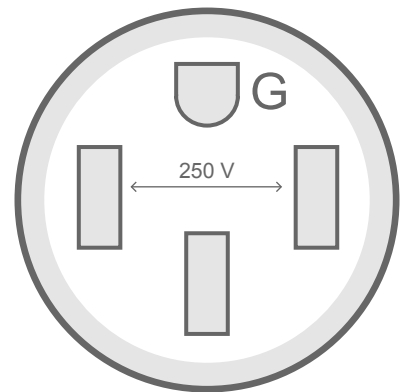
To take full advantage of your Tesla Mobile Connector, work with an electrician to install a NEMA 14-50 outlet where you plan to park your Model S.

To ensure uninterrupted charging at full power, the circuit breaker should be rated for 50 amps.

You'll find that charging your car is a lot like plugging in your cell phone. For the best experience, we recommend plugging in each evening, or when convenient.

## DETAILS

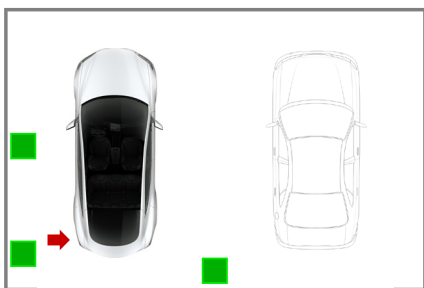
- Voltage: Single phase, 208-250 volt AC supply, 60 hertz
- Current: 50 amp circuit breaker / 40 amp continuous draw
- Code: Circuit installation should meet National Electric Code (NEC) wire and breaker ratings. In general, this means 6 AWG wire for installations under 100 feet
- Ground Fault Circuit Interrupter (GFCI): Not required
- Service disconnect: Not required
- Outlet: Install within 15 feet of driver side taillight (vehicle is over 16 feet long) and minimum 18 inches above the ground



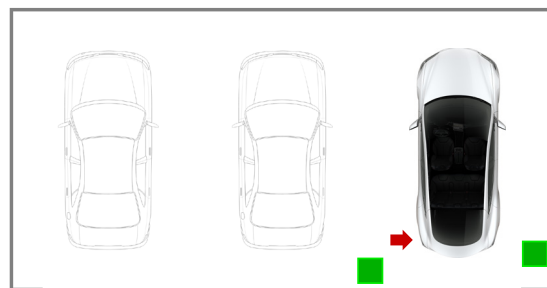
NEMA 14-50, Ground on Top  
Image to scale (~2.25" diameter)

## RECOMMENDED OUTLET LOCATIONS

One or two vehicle garage



Three vehicle garage



Need help sourcing an electrician, or have questions about home charging installation?  
Email Tesla at: [ChargingInstallation@teslamotors.com](mailto:ChargingInstallation@teslamotors.com) or 1-877-798-3752