There are three “levels” of charging: Level 1 (120V), Level 2 (240V), and DC Quick Charge. When a vehicle is charging, the number of miles of driving range added depends on the power of the charge station, vehicle capabilities, and current battery state-of-charge.

**Level 1**

3 - 5 miles of driving range added per hour of charging

Included with the vehicle as a cordset that plugs into a standard 120V household wall outlet.

Great for overnight or workplace charging; 25-40 miles added in 8 hours.

Can handle charging needs for daily commutes under 40 miles.

Some charging stations are Level 1.

**Level 2**

10 - 25 miles of driving range added per hour of charging

Uses a 240V circuit, typically 40 amps, similar to a cooktop or clothes dryer.

Provides complete charge from empty to full overnight.

Wall- or pedestal-mounted stations are the most common option for public charging. Cordsets and some stations can simply plug into a dryer outlet for home use.

High-amperage Level 2 stations (up to 80 amps) can charge appropriately-equipped vehicles at up to 60 miles of driving range per hour of charging.

**DC Quick Charge**

DC Quick Charging generally provides the fastest charge rates and is available only at commercial locations. There are three different DC Quick Charge technologies in use. Each works only with compatible vehicles equipped with necessary hardware.

- **CHAdeMO**
  
  Up to 67 miles of range in 30 minutes
  Used by Nissan LEAF and Mitsubishi i-MiEV.

- **SAE Combo**
  
  Up to 65 miles of range in 20 minutes
  Used by BMW i3 and Chevrolet Spark EV.

- **Tesla Supercharger**
  
  Up to 130 miles of range in 20 minutes
  Used by Tesla Model S and Model X.
The following vehicles are available nationwide. Additional models may be available in some states.

### Battery Electric Vehicles (BEV)

- **2015 Nissan LEAF**
  - MSRP starting at $29,010
  - 84 mile range

- **2015 BMW i3**
  - MSRP starting at $42,400
  - 81 mile range

- **2015 Tesla Model S**
  - MSRP starting at $70,000
  - 230* mile range and up

- **2015 Ford Focus Electric**
  - MSRP starting at $29,170
  - 76 mile range

- **2015 Kia Soul EV**
  - MSRP starting at $33,700
  - 93 mile range

- **2016 Mitsubishi i-MiEV**
  - MSRP starting at $22,995
  - 62 mile range

### Plug-in Hybrid Electric Vehicles (PHEV)

- **2016 Chevrolet Volt**
  - MSRP starting at $33,995
  - 53 mile electric range

- **2015 BMW i3 REx**
  - MSRP starting at $46,250
  - 72 mile electric range

- **2016 Cadillac ELR**
  - MSRP starting at $65,000
  - 37 mile electric range

- **2015 Ford C-MAX Energi**
  - MSRP starting at $31,770
  - 20 mile electric range

- **2016 Ford Fusion Energi**
  - MSRP starting at $33,900
  - 20 mile electric range

- **2015 Toyota Prius Plug-in**
  - MSRP starting at $29,990
  - 11 mile electric range

### Federal and State Rebates and Credits

There is a Federal income tax credit up to $7,500 for the purchase of a plug-in electric vehicle. Information on state incentives is available at the U.S. Department of Energy’s Alternative Fuels Data Center: [http://www.afdc.energy.gov/laws/state](http://www.afdc.energy.gov/laws/state)

The California Clean Vehicle Rebate Project offers California residents rebates of $2,500 for BEVs and $1,500 for PHEVs. Restrictions may apply. Details at: [https://energycenter.org/clean-vehicle-rebate-project](https://energycenter.org/clean-vehicle-rebate-project)


MSRP as of July 31, 2015. Check with your local dealer for current pricing and information on leasing.