

Electric Vehicle Charging

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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.



National Drive Electric Week™



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Bronze Level Sponsor: ClipperCreek

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Electric Vehicle Models

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National Drive Electric Week™



The following vehicles are available nationwide. Additional models may be available in some states.

BEV

Battery Electric Vehicles



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

PHEV

Plug-in Hybrid Electric Vehicles



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

Incentives

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>



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>



Range estimates from <http://www.fueleconomy.gov>, except as noted. *Manufacturer range estimate. MSRP as of July 31, 2015. Check with your local dealer for current pricing and information on leasing.