

Plug In America



Drive Electric 101

Electric Vehicles, Charging and Financial Incentives

Plug-In Vehicle Models

Battery Electric Vehicles (BEVs)



Tesla Model S

MSRP starting at \$66,000
210 mile range and up



2016 Nissan Leaf

MSRP starting at \$29,010
84 mile range and up



Tesla Model X

MSRP starting at \$74,000
200 mile range and up



2016 BMW i3

MSRP starting at \$42,400
81 mile range



2016 Fiat 500e

MSRP starting at \$31,800
84 mile range



2016 Chevy Spark

MSRP starting at \$25,120
82 mile range



2016 Volkswagen eGolf

MSRP starting at \$28,995
83 mile range



2016 Kia Soul EV

MSRP starting at \$31,950
93 mile range



2016 Ford Focus Electric

MSRP starting at \$29,170
76 mile range



2016 Mercedes B Class ED

MSRP starting at \$41,450
87 mile range



2016 Mitsubishi iMiev

MSRP starting at \$22,995
62 mile range



Smart ED

MSRP starting at \$25,000
63 mile range

Plug-In Vehicle Models

Plug In Hybrid Electric Vehicles (PHEVs)



2017 Chevy Volt

MSRP starting at \$33,220
53 mile electric range



2016 Ford Fusion Energi

MSRP starting at \$34,775
20 mile electric range



2016 Ford C-Max Energi

MSRP starting at \$31,770
20 mile electric range



2016 BMW X5 xDrive40e

MSRP starting at \$62,100
14 mile electric range



2016 Audi Sportback e-tron

MSRP starting at \$37,900
17 mile electric range



2016 Hyundai Sonata PHEV

MSRP starting at \$34,600
27 mile electric range



2016 Porsche Cayenne

MSRP starting at \$78,700
14 mile electric range



2016 Volvo XC90

MSRP starting at \$68,100
14 mile electric range



2016 BMW i8

MSRP starting at \$140,700
15 mile electric range



2016 Porsche Panamera

MSRP starting at \$93,200
16 mile electric range



2016 BMW i3 REX

MSRP starting at \$46,250
72 mile electric range

Electric Vehicle Charging

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 a complete charge in four hours or less for most BEVs and two hours or less for most PHEVs.
- 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.

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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.

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. Scan the QR code to learn more.



Information on state incentives is available at pluginamerica.org. Scan the QR code to learn more.



pluginamerica.org/state-federal-incentives



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