

Plug In America



Drive Electric 101

Electric Vehicles, Charging and Financial Incentives

Plug-In Vehicle Models

Battery Electric Vehicles (BEVs)



2017 Tesla Model X
MSRP starting at \$82,500
257 mile range and up



2017 Tesla Model S
MSRP starting at \$69,500
240 mile range and up



2017 Chevy Bolt EV
MSRP starting at \$37,495
238 mile range



2017 Tesla Model 3
MSRP starting at \$35,000
215 mile range and up



2017 Volkswagen eGolf
MSRP starting at \$28,995
125 mile range



2017 Ioniq Electric
MSRP starting at \$29,500
124 mile range



2017 Ford Focus Electric
MSRP starting at \$29,170
115 mile range



2017 BMW i3
MSRP starting at \$42,400
114 mile range



2017 Nissan Leaf
MSRP starting at 30,680
107 mile range



2017 Kia Soul EV
MSRP starting at \$32,250
93 mile range



2017 Mercedes B Class ED
MSRP starting at \$39,900
87 mile range



2017 Fiat 500e
MSRP starting at \$32,995
84 mile range



2017 Honda Ionic
MSRP starting at \$22,995
62 mile range



2017 Mitsubishi iMiev
MSRP starting at \$22,995
62 mile range

Plug-In Vehicle Models

Plug In Hybrid Electric Vehicles (PHEVs)



2017 BMW i3 REX
MSRP starting at \$48,300
97 mile electric range



2017 Chevy Volt
MSRP starting at \$33,220
53 mile electric range



2017 Chrysler Pacifica Hybrid
MSRP starting at \$41,995
33 mile electric range



2017 Cadillac CT6
MSRP starting at \$75,095
31 mile electric range



2017 Kia Optima
MSRP starting at \$35,210
27 mile electric range



2017 Hyundai Sonata
MSRP starting at \$34,600
27 mile electric range



2017 Toyota Prius Prime
MSRP starting at \$27,100
25 mile electric range



2017 BMW 330e
MSRP starting at \$44,100
22 mile electric range



2017 Ford Fusion Energi
MSRP starting at \$31,120
22 mile electric range



2017 Ford C-Max Energi
MSRP starting at \$27,120
20 mile electric range



2017 Mercedes S550e
MSRP starting at \$95,650
20 mile electric range



2017 Mercedes C350e
MSRP starting at \$45,490
20 mile electric range



2017 Mercedes GLE550e
MSRP starting at \$65,550
20 mile electric range



2017 Audi Sportback e-tron
MSRP starting at \$38,900
17 mile electric range



2017 BMW 530e
MSRP starting at \$51,400
16 mile electric range



2017 Porsche Cayenne
MSRP starting at \$78,700
14 mile electric range



2017 BMW X5 xDrive40e
MSRP starting at \$65,645
14 mile electric range



2017 BMW 740e
MSRP starting at \$89,100
14 mile electric range



2017 Volvo XC90
MSRP starting at \$68,100
14 mile electric range



2017 MINI Cooper SE
MSRP starting at \$36,800
12 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 Bolt EV.

Tesla Supercharger

Up to 130 miles of range in 20 minutes
Used by Tesla Model 3, 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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