

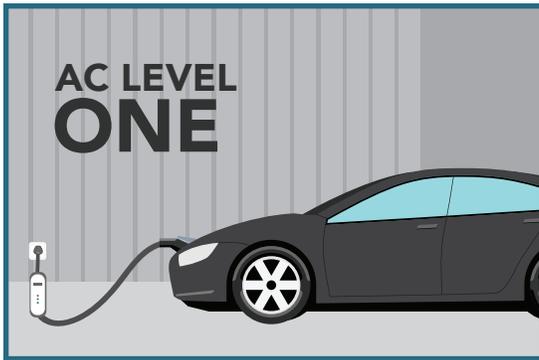
ELECTRIC VEHICLE CHARGING GUIDE



Fuel for your plug-in electric vehicle comes from the electric grid. There are several options for fueling (or charging) your vehicle. Charging stations are located in a variety of places and vary in speed in which they can re-charge your vehicle battery.

LEVELS OF ELECTRIC VEHICLE CHARGING

Electric vehicles come with a Level 1 charging cord that can be plugged into a properly grounded 120 volt outlet. Level 2 charging stations and DC Fast Charge stations require additional equipment and must be installed by a qualified electrician.



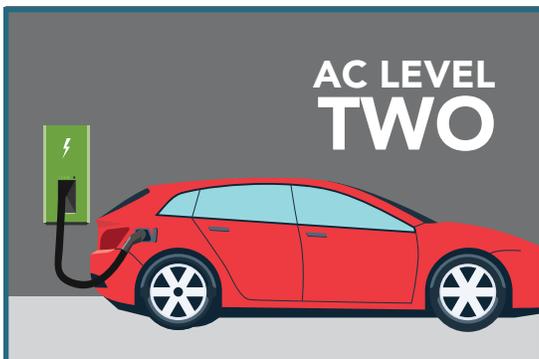
VOLTAGE:
120V 1-Phase AC

CHARGE TIME FOR VEHICLE:
3-5 Miles of Range Per Hour

AMPS:
12-16 Amps

LOCATION:
Home, Some Public Places

CHARGING LOADS:
1.4 to 1.9 kW



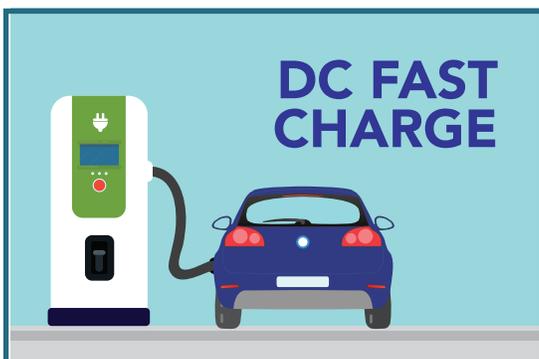
VOLTAGE:
208V or 240V 1-Phase AC

CHARGE TIME FOR VEHICLE:
10-20 Miles of Range Per Hour

AMPS:
<80 Amps (Typ. 30 Amps)

LOCATION:
Home, Workplaces, Public Places (shopping centers, parks, etc.)

CHARGING LOADS:
2.5 to 19.2 kW (Typ. 7 kW)



VOLTAGE:
208V or 480V 3-Phase AC

CHARGE TIME FOR VEHICLE:
80% Charge in 20-30 Minutes

AMPS:
<125 Amps (Typ. 60 Amps)

LOCATION:
Public Places in convenient locations (stores near highways, gas stations, parking decks, etc.)

CHARGING LOADS:
<90 kW (Typ. 50 kW)

Single-family Residential Charging

Approximately 80 percent of electric vehicle charging takes place at home, typically at Level 1 or Level 2. Customers should consult with the vehicle manufacturer or dealer to determine charging options and equipment. For Level 2 charging, a qualified electrician can assess your home's electrical system and identify any changes, upgrades, or permits required. If your electrician determines that a utility upgrade is needed, please contact Dominion Energy or ask your electrician to do so for you.

Multi-family Residential Charging

Customers in apartments or condominiums that do not offer electric vehicle charging services should discuss options with their property management or homeowners' association. Customers in multifamily dwellings can also take advantage of public charging.

Public and Workplace Charging

Commercial customers may install various electric vehicle charging options as part of their existing service or as a separate service. Customers should contact a qualified electrician for site-specific charging options, equipment, installation and any required permitting.

There are multiple options for operating charging stations. The stations can be both fully owned and operated by a company or have a third-party owner. They can also be available to the public or restricted to private workplace access. There are also ways to charge drivers a fee to use the station, or they can be made available for free.

For more information on electric vehicles and additional resources, please visit [dominionenergy.com/electricvehicle](https://www.dominionenergy.com/electricvehicle).



A NEMA 6-50 receptacle is required to install a Level 2 charging station in your house. This is similar to the outlet used to power your clothes dryer.



Connect with Dominion Energy by:

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