



# Drive Change Fund

## Technical Requirements

### Vehicle Requirements

Vehicles must be capable of charging from the electric grid.

### Electric Vehicle Supply Equipment (EVSE) Requirements

All direct current (DC) fast charging EVSE must:

- Safely charge the intended electric vehicle(s)
- Be listed by a nationally recognized test lab to the requirements of UL 2251 and UL 2594
- Support installation requirements of National Electric Code article 625
- Have an enclosure suitable for the installation location (minimum rating of National Electrical Manufacturers Association [NEMA] Type 3R or 4 for outdoor installations; minimum rating of NEMA Type 2 for indoor installations)
- Conform to Open Charge Point Protocol (OCPP) v1.6 or later
- Offer support for OpenADR 2.0b
- Include network services – able to communicate with a network management system (NMS)

If the DC fast charging EVSE is intended to be publicly accessible, it additionally must:

- Safely charge all electric vehicle makes and models currently operating in North America that are equipped with non-proprietary DC fast charging capabilities:
  - Provide at least one SAE J1772 DC Combined Charging System Type 1 compliant connection
  - Provide at least one CHAdeMO compliant connection
- Provide a charging rate of at least 50 kW
- Accept payment from major credit cards
- Be labeled upon installation with the appropriate Chargeway decals for the charging speed and connector type

All Level 2 EVSE must:

- Safely charge the intended electric vehicle(s)
- Be listed by a nationally recognized test lab to the requirements of UL 2202



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## Technical Requirements

- Have an enclosure suitable for the installation location (minimum rating of NEMA Type 3R or 4 for outdoor installations; minimum rating of NEMA Type 2 for indoor installations)
- Conform to Open Charge Point Protocol (OCPP) v1.6 or later
- Offer support for OpenADR 2.0b
- Include network services – able to communicate with a network management system (NMS)

If the Level 2 EVSE is intended to be publicly accessible, it additionally must:

- Safely charge all electric vehicle makes and models currently operating in North America that are equipped with a standard connector
  - Provide at least one SAE J1772 connection
- Provide a charging rate of at least 6.2 kW
- Be labeled upon installation with the appropriate Chargeway decals for the charging speed and connector type

If Level 1 charging is utilized, an EVSE is not required – a standard 120V outlet may be used.