

# Installing Electric Vehicle Chargers Infographic





# INSTALLING ELECTRIC VEHICLE CHARGERS

## HOW TO PREPARE YOUR BUSINESS

Are you interested in installing electric vehicle chargers at your building or place of business? Adding level 3 charging can attract new business or provide an incentive to employees while showing your social corporate responsibility. Level 3 chargers provide 60-80 miles of range in 20 minutes. Installation typically ranges from \$30,000 - \$75,000.

### EV CHARGING SAFETY



#### CORD MANAGEMENT

Prevent charging cord damage by keeping cord on its holder and tucking away excess length while charging



#### REPORTING DAMAGE

Report any charging cord damage to appropriate personnel



#### TESTED CHARGING EQUIPMENT

Ensure charging equipment has been rated and listed by a Nationally Recognized Testing Laboratory such as UL, CSA, or ETL

### EV CHARGING ETIQUETTE



#### TIME LIMITS

Establish time limits on chargers to ensure efficient use of chargers. Remind users of time limits



#### MULTIPLE USERS

Prohibit users from disconnecting other user's electric vehicles. Establish a protocol for users who pass their allotted time on a charger



#### IMPROPER USE

Remind users of the importance of charging safely. Ensure users store charging cord properly by providing signage for proper storage

### ELECTRIC VEHICLE CHARGING LEVEL 3 CONNECTORS

Type	CCS 1	CCS 2	CHAdeMO	TESLA
Vehicle Makes / Models	GM, Ford, Chrysler, Dodge, Jeep, BMW, Mercedes, Honda, Kia, Hyundai, Volvo		Nissan LEAF, Mitsubishi Outlander PHEV	Tesla Only

### CHARGE TO CHARGE?

- Payment and payment methods are decided by charging station owner
- Requiring payments may help recover equipment and usage cost
- Options include charge per kWh used, time parked, or a flat fee

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## EV Charging Safety

- Cord Management  
Prevent charging cord damage by keeping the cord on its holder and tucking away excess length while charging
- Reporting Damage  
Report any charging cord damage to appropriate personnel
- Tested Charging Equipment  
Ensure charging equipment has been rated and listed by a Nationally Recognized Testing Laboratory such as UL, CSA, or ETL

## EV Charging Etiquette

- Time Limits  
Establish time limits on chargers to ensure efficient use of chargers. Remind users of time limits
- Multiple Users  
Prohibit users from disconnecting other user's electric vehicles. Establish a protocol for users who pass their allotted time on a charger
- Improper Use  
Remind users of the importance of charging safely. Ensure users store charging cord properly by providing signage for proper storage

## Electric Vehicle Level 3 Connectors

- Type: CCS
  - Vehicle Makes: GM, Ford, Chrysler, Dodge, Jeep, BMW, Mercedes, Honda, Toyota, Kia, Hyundai, Volvo
- Type: CHAdeMO
  - Vehicle Makes / Models: Nissan LEAF, Mitsubishi Outlander PHEV
- Type: TESLA
  - Vehicle Makes: Tesla

## Charge to Charge?

- Payment and payment methods are decided by the charging station owner
- Requirement payment may help recover equipment and usage cost
- Options include: charge per kWh used, time parked, or a flat fee

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