

# Prepare your Home or Business for Electric Vehicles



Thinking about purchasing an **electric vehicle**? Make sure your home or business is prepared for **electric vehicle charging**.

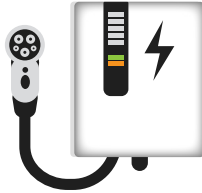
## Charging Types

Charging types vary based on the **amount of electricity used** and **how fast they charge**



### Level 1

120v. Standard home outlet. **3-5 miles** of range per hour



### Level 2

240v. Requires EV charger installation. **10-20 miles** of range per hour



### Level 3

Available at businesses only. **80% charge** in 20-30 minutes

**FIRE AND SHOCK HAZARD:** Never use an extension cord when charging electric vehicles. Doing so may lead to **fires** or **electric shocks**.



## Prepare your Home or Business



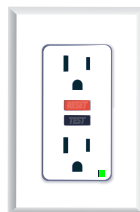
Have a **qualified electrician** complete a site assessment to ensure your home or business has the right electrical capacity for EV charging



Ensure you have **enough space** for an EV charger



Make sure your charger and charging cords are certified by a **Nationally Recognized Testing Laboratory (NRTL)**



Make sure you have adequate **GFCI protection** to avoid electrical shocks

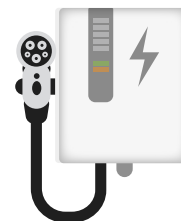


All EV charger installations and site assessments should only be completed by **qualified electricians** who have been trained and are insured and bonded to complete electrical work

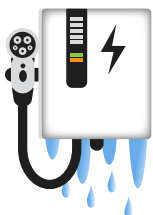
## Use and Maintenance



Follow **manufacturer's instructions** when charging electric vehicles



**Properly store charging cables** to avoid damage which could lead to electric shocks and fires



Cover EV charging stations to avoid **water damage**. Refer to manufacturer guidelines for more information



Make sure EV chargers are properly maintained. **Avoid vehicle contact with chargers** and never use a charger with **visual damage**

Please **share** this **free** resource to save lives