

# EV Home Safety: Essential Checklist to Prevent Fires

Preventing electric vehicle (EV) fires at home involves a combination of proper maintenance, safe charging practices, and general awareness.

Here's a checklist to help you minimize the risk:



## 1. Proper Installation of Charging Equipment

- **Use Certified Equipment:** Only use charging equipment that is certified by reputable organizations (e.g., UL, CE).
- **Hire a Qualified Electrician:** Ensure your EV charger is installed by a certified electrician.
- **Check Electrical Panel:** Verify that your home's electrical panel can handle the additional load of an EV charger.

## 2. Regular Inspection and Maintenance

- **Inspect Charging Cable:** Regularly check the charging cable for any signs of wear, fraying, or damage.
- **Monitor Charging Station:** Ensure that the charging station is free from physical damage, such as cracks or corrosion.
- **Update Software:** Keep your EV's software and charging station firmware up to date to address any safety concerns.

## 3. Safe Charging Practices

- **Avoid Overloading Circuits:** Do not plug other high-energy devices into the same circuit as your EV charger.
- **Proper Ventilation:** Ensure the charging area is well-ventilated to prevent heat buildup.
- **Monitor Charging Process:** Avoid charging your EV when you're away from home for extended periods.
- **Unplug After Charging:** Disconnect the charging cable after the EV is fully charged to prevent overcharging.

## 4. Battery Health

- **Monitor Battery Temperature:** Stop charging your EV if the battery feels unusually hot.
- **Avoid Extreme Temperatures:** Store and charge your EV in a location with moderate temperatures.
- **Regular Maintenance:** Follow the manufacturer's guidelines for battery maintenance and inspections.

## 5. Emergency Preparedness

- **Install Smoke Detectors:** Place smoke detectors near the charging area to detect any signs of fire early.
- **Fire Extinguisher:** Keep a Class D fire extinguisher (suitable for lithium-ion batteries) nearby in case of a fire.
- **Have an Emergency Plan:** Know how to safely disconnect power and evacuate during an EV fire.

## 6. Manufacturer Recommendations

- **Follow Guidelines:** Always adhere to the safety and charging recommendations provided by your EV manufacturer.
- **Avoid DIY Modifications:** Only certified technicians should modify your EV's charging system or battery.



# Why Hire Globe Midwest Adjusters International in the Event of an EV Fire

Navigating insurance claims after an EV-related building fire is a complex and challenging process. Engaging a public adjuster is crucial to securing a fair and comprehensive settlement. We act as your dedicated advocate, expertly managing the entire claims process, including the intricate details and negotiations. Our deep understanding of EV fire complexities ensures that you receive the maximum compensation you are entitled to.

**Questions? Feel free to call us at 800.445.1554**

