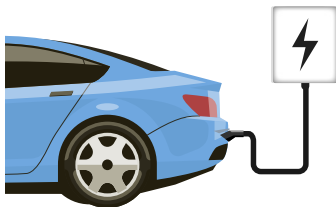


In late 2023, the Electrical Safety Foundation surveyed electric vehicle owners to understand their knowledge of electric vehicle charging safety and to understand if the average American home is prepared for EV charging.



Home EV Charging Survey Results



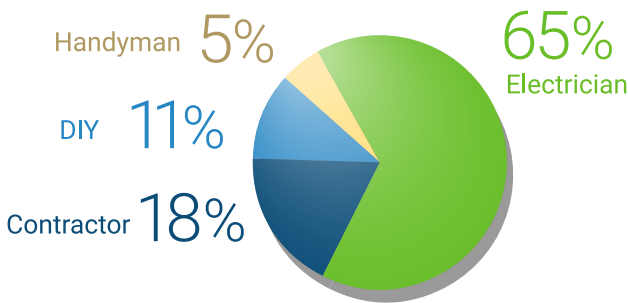
86% of EV owners have **at-home chargers**

Over **96%** of owners were "satisfied or very satisfied" with their at-home charger installation

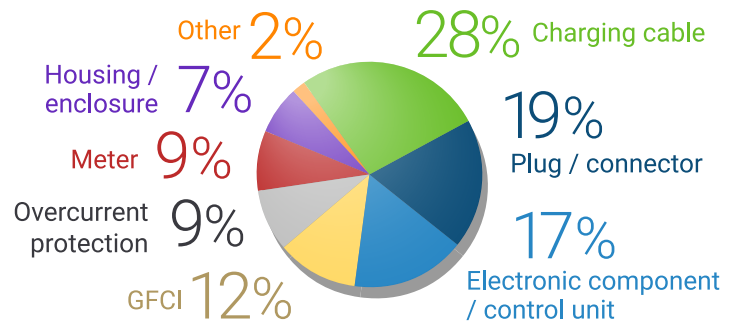


54% of electric vehicle owners had to **upgrade their electrical panel** when installing an electric vehicle charger

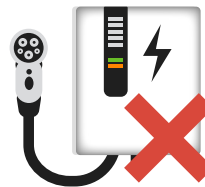
Who installed the EV charger:



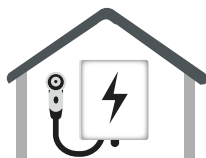
20% had to have charging equipment replaced:



63% had a **site inspection** completed before installing EV chargers



23% of owners had experiences where they were **unable to charge** their EV because they could not find a **compatible charger type**



41% had to have **maintenance** performed on their at-home charger



45% purchased an **adapter** to charge their EV at a different charger type



67% of owners received information about chargers from **car dealers**



8% of owners received a **shock** when charging their EV

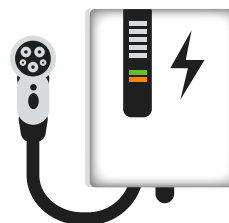
What Advice about EV Charging would EV Owners Give People Planning to Purchase EVs?



Have EV chargers **installed by professionals**.



Use certified equipment, including chargers and cables.



Purchase **high-quality chargers** from reputable retailers and brands or from the manufacturer. **Reliability is paramount.**

Respondents seem to see home EV charger installation as a positive and worthwhile endeavor if approached with proper research, safety precautions, and professional help.