



## ORANGE COUNTY FIRE AUTHORITY FIRE PREVENTION WEEK FACT SHEET 2025



### **“Charge into Fire Safety™: Lithium-Ion Batteries in Your Home.”**

- Half (50%) of e-mobility owners charge their devices in a location that blocks their exit, like in a hallway or doorway. Keep exit paths clear and practice your home escape plan (**UL Standards and Engagement 2025**).
- Over 80% of consumers say they know little or nothing about lithium-ion batteries (**UL Standards and Engagement 2025**).
- E-mobility battery fires have contributed to over \$500 million in losses in New York City (**UL Standards and Engagement 2025**).
- At a minimum, install smoke alarms on every level of the home, inside and outside each sleeping area, and test them once a month (**U.S. Fire Administration 2024**).
- Fire extinguishers do not work on lithium-ion battery fires. If you observe a lithium-ion battery fire, leave the area and call 9-1-1 immediately (**OCFA**).
- Unregulated aftermarket chargers, that are not certified, and overcharging products start many lithium-ion battery fires (**CBS News 2023**).
- Between 2019-2023, fire departments in San Francisco and New York City reported over 650 combined incidents of fires caused by lithium-ion batteries (**CBS News 2023**).
- Although electric vehicles catch fire less often than gasoline-powered cars, they can burn as hot as 5,000°F (**Vox 2023**).
- In 2021, over 880,000 e-bikes were sold in the United States, compared to 608,000 electric cars and trucks (**Clemson News 2023**).