



## CHECKLIST:

# LITHIUM-ION BATTERY SAFETY TIPS FOR PROPERTY OWNERS AND THEIR TENANTS

Across the US, there has been an increase in fires involving lithium-ion batteries, leading many property owners to wonder what they can do to minimize the likelihood of this happening in their buildings.

### BY FOLLOWING THIS CHECKLIST AND PROMOTING SAFE BATTERY PRACTICES, LANDLORDS CAN SIGNIFICANTLY REDUCE THE FIRE RISK AND SAFEGUARD THEIR PROPERTY AND TENANTS:

- ✓ Only purchase devices, batteries, and charging equipment listed by a nationally recognized testing lab and solely from reputable retailers.
- ✓ Carefully read owner's manuals and manufacturer's instructions for guidelines on charging and storing specific devices and batteries.
- ✓ Use the battery and charger that came with or is specially designed for a device, and only purchase replacements from a well-known brand.
- ✓ Use a hard surface, like a desk, table, or counter, to charge devices, and keep them away from anything that can catch fire.
- ✓ Never charge a device or device battery overnight or after it is fully charged.
- ✓ Charge one device or device battery at a time to prevent overloading the circuit.
- ✓ When charging or storing a larger device, like an electric scooter or bike, make sure it's not blocking an exit route.
- ✓ Ensure charging devices are not left near anything that can get hot.
- ✓ Routinely inspect each device and battery to ensure they are functioning correctly; there is no damage; and the battery is not cracked, bulging, or leaking.
- ✓ Dispose of a battery properly if it is damaged or at the end of its useful life. Do not put it in the trash or a municipal recycling bin.
- ✓ Stay up to date on product recalls related to specific devices or device batteries by subscribing to email updates from the US Consumer Product Safety Commission.

*These tips were provided by the National Fire Protection Association, CNN Business, and the University of Michigan.*

<https://www.nfpa.org/downloadable-resources/safety-tip-sheets/lithium-ion-battery-safety-for-consumers-tip-sheet?l=0>

<https://www.nfpa.org/en/Education-and-Research/Electrical/Ebikes>

[https://www.cnn.com/2023/03/09/tech/lithium-ion-battery-fires?cid=ios\\_app](https://www.cnn.com/2023/03/09/tech/lithium-ion-battery-fires?cid=ios_app)

<https://news.umich.edu/tips-for-extending-the-lifetime-of-lithium-ion-batteries>