



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