



E-BIKE AND LITHIUM-ION BATTERY SAFETY



Electric bicycles (e-bikes) and electric scooters are two of the most cost-effective and environmentally friendly ways of getting around.



In 2021 alone, 880,000 e-bikes were imported into the US and are often stored in homes, apartments, and public spaces.



However, if not stored properly, used correctly, or if damaged, lithium-ion (Li-ion) batteries that power e-bikes, e-scooters, laptops, tablets, hoverboards and more can catch on fire or explode.



PREPARE

with the below tips to learn how you can help prevent a Li-ion battery fire in your favorite devices and help keep you and your loved ones safe.

P

Plug and unplug – don't overcharge! Once a Li-ion battery is fully charged, unplug it as soon as possible, and avoid overnight or unsupervised charging.*



R

Risky charging practices like using extension cords, plugging multiple products into one circuit, charging for 3+ hours, and charging in direct sunlight can lead to wire degradation and create a source of fire ignition.*



E

Exits are vital - **don't charge or store devices in an entrance or exit**, as these spaces need to be clear in the event of a fire.*



P

Pay attention and immediately STOP using your device if the battery has an odor, change in color or gives off too much heat.*



A

Always shop smart and look for **officially listed e-mobility devices, batteries and charging equipment** that qualify for UL 2849, the [Standard for Electrical Systems for e-Bikes](#).



R

Reach for **Kidde products** in stores, such as the HomeSafe™ enabled [Kidde Smoke + Carbon Monoxide Alarm with Indoor Air Quality Monitor](#), a triple detection, industry-first alarm that can send instant notifications of home safety threats right to your mobile device.



E

Engage your friends and family. **Share this infographic on social media** and download it to hang in your home.



* Source: [NFPA](#)

IF THERE IS A FIRE, GET OUT OF THE SPACE IMMEDIATELY AND CALL 911



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HEALTHY HOMES