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. 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.

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

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.

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.

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.

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.

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

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.

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.

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

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

THESE SAFETY TIPS ARE PROVIDED COURTESY OF THE NATIONAL FIRE PROTECTION ASSOCIATION® (NFPA®)

©2023 Carrier. All Rights Reserved. All trademarks and service marks referred herein are the property of their respective owners.