

# E-Bike Battery Safety

Though rare, spontaneous ignition of an e-bike lithium battery can occur. Because lithium-ion batteries can store a large amount of energy, improper battery care can result in fires. Please review the Fire Prevention Tips from [Consumer Reports](#) and the [New York Fire Department](#):

The following tips were published by [Consumer Reports](#)

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## Fire Prevention Tips

Follow these electric-bike safety tips from the FDNY. The same advice applies to any device powered by a lithium-ion battery, whether it's a phone, tablet, or robotic vacuum cleaner.

- Buy an electric bike that is certified by a qualified testing laboratory.
- Follow the manufacturer's instructions for charging and storage.
- Always use the manufacturer's cord and power adapter made specifically for the bike.
- Do not leave an electric bike unattended while it's charging, and don't leave it charging overnight.
- If a battery overheats or you notice an odor, a change in shape or color, leaking, or odd noises, stop using it immediately.
- If the battery reacts in an alarming way, and it is safe to do so, move the device away from anything that can catch fire and call 911.
- Keep batteries and devices at room temperature. Do not place them in direct sunlight.
- Store batteries away from anything flammable.
- Do not use aftermarket batteries.
- Do not charge an electronic device on your bed or near a couch.
- Do not block your primary way into and out of the building with an e-bike.
- Do not leave an e-bike in a child's room.



Used rechargeable or lithium-ion batteries are hazardous waste that must be disposed of properly. Batteries must not go in your regular trash or recycling bin. Check [here](#) for a list of Contra Costa locations that accept old batteries.