Safe Charging Is a SUPERPOWER

Charge into Fire Safety™

Safe charging means making smart choices every time you plug in. Everyday charging habits can help prevent lithium-ion battery fires.
Safe charging is a SUPERPOWER!

USE YOUR CHARGING SUPERPOWERS

CHEAP CHARGER? DON'T CHANCE IT.

Use the cord and charger that came with your device or one approved by the manufacturer.

Why it matters: Using the wrong charger can damage the battery and increase the chance of fire. Cheap or off-brand chargers may not meet important safety standards.

SOFT SURFACE? HARD PASS.

Charge on a hard, flat surface like a table, desk, or bare floor.

Why it matters: Devices and chargers create heat during normal charging. Soft surfaces like beds, pillows, and couches can trap heat and block airflow, which can cause a battery to overheat.

FEELS HOT? STOP USING IT.

Stop using your device if it feels very hot, starts to swell, smells strange, leaks, smokes, or makes popping or hissing sounds.

Why it matters: A damaged battery can overheat and start a fire.

FULLY CHARGED? TIME TO UNPLUG.

Unplug your device when it is fully charged.

Why it matters: Leaving a device plugged in can increase heat and stress on the battery.

FOR TOOLS AND RIDES, CHARGE OUTSIDE.

Charge large items like e-bikes, scooters, and power tools outside when possible. Do not block exits when charging.

Why it matters: These batteries are larger and store more energy. Fires can grow quickly if the battery fails.

OUT OF SIGHT? NOT IN FLIGHT.

When on a plane, keep devices where you can see them while charging. Do not charge e-cigarettes or vapes on the plane. Tell a flight attendant if you notice a problem with your device, such as if it feels very hot, starts to swell, is smoking, or has a strange smell.

Why it matters: If a battery overheats or fails, it is important for the flight crew to be able to respond quickly.

— Working smoke alarms and a home fire escape plan can help make a life-saving difference. —

BATTERY SAFETY STARTS BEFORE YOU PLUG IN

Buy products listed by a nationally recognized testing laboratory, such as UL, ETL, or CSA.* Listed products meet important safety standards.

NATIONAL FIRE PROTECTION ASSOCIATION
The Leading Information and Knowledge Resource on Fire, Electrical, and Related Hazards

Lionville Fire Company
Chester Co. #47

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