

E-Bike and E-Scooter Battery Safety

E-bikes, E-scooters, and other micro-mobility devices are a great way to get around town. They promote exercise, reduce vehicle emissions, and are fun and accessible for all ages.

Proper charging, storage, and maintenance of e-bike and e-scooter batteries is essential to prevent fire hazards and keep your home safe.



Charge Safely

Charge your batteries on a hard, dry surface free from combustible materials.

Unplug the charger once the battery is full.

Charge only one device per outlet.

Only use the original battery and charger.

Do not modify your battery or charger and follow all manufacturer instructions.



Store Smart

Store in a cool, dry location out of direct sunlight and excessive heat.

Never leave batteries inside hot vehicles.

Keep batteries away from water and moisture.

Make sure your device's batteries are tested using a nationally recognized testing labaratory (UL or ETL).

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Signs of a Damaged Battery

Immedately stop using batteries and have them inspected or replaced by a professional if they exhibit any of the following signs:

- Excessive heat
- Swelling or bulging
- Cracks or damage
- Strange odors or smoke
- Leaking fluids
- Battery no longer holds a charge properly



Proper Disposal of Lithium Ion Batteries

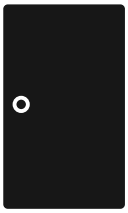
Lithium ion batteries **MAY NOT BE PLACED IN YOUR REFUSE OR RECYCLING BINS**. These batteries can start fires and cause damage to buildings, homes, and collection trucks when damaged or punctured.

Contact your bike's manufacturer or retail shop for information on how to dispose of your batteries, or contact the Cuyahoga County Solid Waste District.

If A Battery Fire Occurs:



Leave the building immediately.



Close doors behind you if possible.



Call 9-1-1 from a safe location.

Do NOT attempt to extinguish a lithium-ion battery fire yourself. Lithium-ion battery fires can reignite and release toxic gases.