Lithium-ion batteries can be found in a number of widely used devices, including e-mobility devices (e-bikes / scooters), electric vehicles, portable energy storage systems, and solar installations. It’s important to identify lithium-ion battery fires due to the unique threats caused by the batteries.

### Lithium-ion Battery Uses

- **Cellphones**
- **Backup Batteries**
- **Laptops**
- **Electric Vehicles**
- **Commercial & Residential Solar Installations**
- **Electric Bikes & Scooters**

Problems with lithium-ion batteries may lead to thermal runaway, which could cause the battery to explode.

Fire extinguishers may not be effective against the fire. In many cases only water can be used to extinguish the fire.

### How to Identify a Battery Problem

1. Sweet burning electrical odor emitted from the battery
2. Change in the battery color
3. Change in the battery or device shape
4. Noises or leaking coming from the battery

### Remind Your Community

1. Purchase batteries or battery-powered devices from reputable retailers.
2. Never leave charging devices unattended, and never charge them while sleeping.
3. Store batteries in a cool, dry place.
4. Unplug devices when fully charged.
5. Never charge devices in areas that may block an exit in case of a fire.