





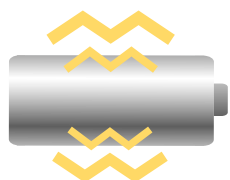
Lithium-ion batteries can be found in a number of widely used devices, including e-mobility devices (e-bikes / scooters), electric vehicles, portable energy storage systems, and solar installations. It's important to **identify lithium-ion battery fires** due to the unique threats caused by the batteries.

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.		