

What you need to know about the fire risks of Lithium-ion battery use



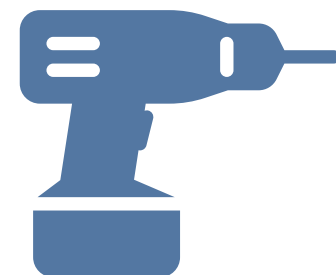
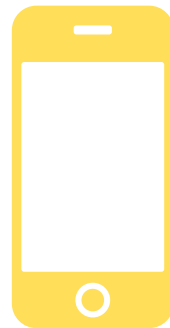
Short Answer.

Yes of course you do.

**However, 85% of
organisations don't have a
fire risk assessment in place
for lithium-ion batteries.**

Where might you find a lithium battery? ?

- **Mobile Phones**
- **Laptops**
- **E- bikes**
- **E -Scooters**
- **Electric Vehicles**
- **Forklift Trucks**
- **Power Tools**
- **Energy Storage**



How to reduce the risk of fire...

- **Protect the batteries against being damaged through crushing, puncturing or immersion in water**
- **Always use the charger that came with your device.**
- **Avoid storing, using, or charging lithium-ion batteries at very high or very low temperatures**
- **Don't leave items continuously on charge after the charge cycle is complete**
- **ion batteries together, especially on a plane**
- **Avoid fast charging an aged or low-performing battery**



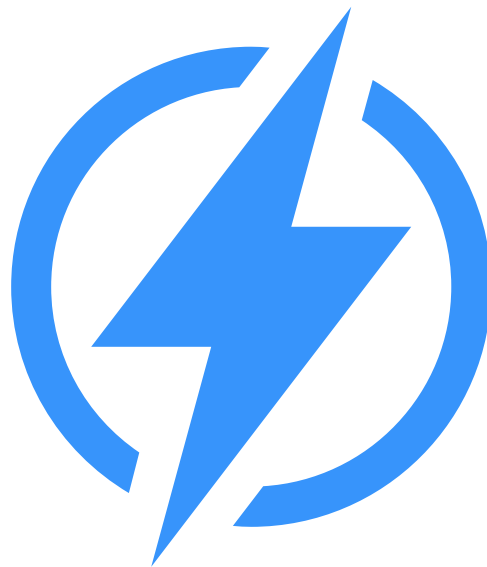
How to reduce the risk of fire

- **Ensure that wherever you charge a device, you still have a clear exit from the room or property in case of fire**
- **Lithium-ion batteries need to be kept within a good temperature range, with good circulation of air around them. Always charge them on a hard surface**



It is certain you will have:

- Batteries in use
- Batteries being charged
- Batteries being swapped out
- Batteries being stored
- Batteries being disposed of

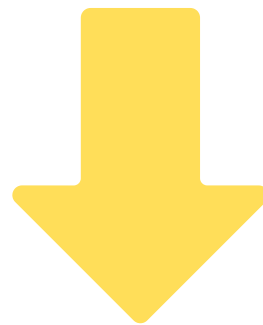


**Which means you need to
update your risk
assessment.**

**You should always get a fire
risk assessment conducted by
a competent person to identify
the scale of the risks present on
your particular site risk and
then create your strategy to
deal with that risk.**

Need support?

**We're here to help!
Get in touch for a free
consultation**



www.safety-smart.co.uk