

# LITHIUM BATTERY SAFETY CHECKLIST.



## Safe handling and usage of lithium-ion batteries

### Storage and Transportation:

- Store batteries in a cool, dry place away from direct sunlight.
- Avoid extreme temperatures (both hot and cold) during transportation and storage.

### Charging and Discharging:

- Use only **approved chargers** designed for the specific battery type.
- Charge batteries on a **non-flammable surface**.
- Do not overcharge or over-discharge the battery.
- Avoid charging unattended or overnight.

### Physical Inspection:

- Regularly inspect batteries for signs of damage, swelling, or leakage.
- Discard damaged or swollen batteries immediately.

### Protection from Short Circuits:

- Use batteries with **intact insulation** (no exposed wires).
- Avoid carrying loose batteries in pockets or bags where they can come into contact with metal objects (e.g., keys, coins).

### Avoid Punctures and Crushing:

- Do not puncture, crush, or disassemble batteries.
- Use a protective case or cover for spare batteries.

### Proper Disposal:

- Dispose of old or damaged batteries at designated recycling centres.
- Do not throw batteries in regular trash.

### Fire Safety:

- In case of battery fire, use lithium approved extinguisher such as F-500 Encapsulate agent which you can purchase through Survival Solutions.
- Keep a safe distance from burning batteries as they have potential to explode.

**Remember that lithium-ion batteries can be hazardous if mishandled. Following these safety guidelines will help prevent accidents and ensure the longevity of your batteries.**