

Lithium-Ion Battery

FIRE SUPPRESSION GUIDE

FOR AUSTRALIA

www.firerescue.com.au

Key Challenges:



Thermal runaway
& toxic fumes

Emergency Response Roles:



Fire • Ambulance • Police • SES

Safety Tips:



Early detection &
proper extinguishing
methods

Understanding the Risks

- Rapid thermal runaway reactions
- Toxic gases & re-ignition hazards
- Difficult to extinguish with standard methods



Suppression Techniques:

Cooling & Quenching

- Heavy water application
to cool cells



Specialized Agents

- Use of dry powder
or inert gas systems



Containment & Ventilation

- Control toxic fumes
& isolate the fire



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Stay Safe & Informed

Always follow proper protocols during lithium-ion battery incidents.

