



Lithium-ion batteries are used in a variety of equipment, including golf carts, forklifts, and small electronics. Hazards of these batteries include fire, toxic gases/fumes, and explosions. Awareness of these risks and causes associated with handling, storing, and charging lithium-ion batteries can reduce the likelihood of fires and explosions.

Lithium-ion battery charging tips

- Use the manufacturer-supplied charger and follow all guidelines
- Charge batteries in a separate, well-ventilated area with proper fire separation
- Avoid overcharging by unplugging batteries when they reach 80-100%
- Use a charger that is compatible with your battery type and capacity
- Charge batteries on a non-soft surface

Lithium-ion battery storage tips

- Store batteries in well-ventilated areas away from flammable materials
- Keep storage temperature below 86°F (30°C)
- Separate battery storage areas from charging area
- Keep batteries close to ground to reduce the risk of damage if dropped
- Store large quantities of batteries in a fire-rated room
- Avoid direct sunlight and keep batteries away from fire ignition sources
- Maintaining a safe workplace is vital to your success.

Additional safety resources

The SECURA Risk Management team is here to help you equate risk management to profit and growth. Our goal is to bring you everything you need to avoid damages, injuries, and losses through on-site consultations, safety programs, training tools, and other resources. Visit secura.net/risk-management to learn about all the free and discounted resources available to you.



Scan the QR code to learn more about safely handling, storing, and charging lithium-ion batteries on our website.

The information and recommendations contained in this material have been obtained from sources believed to be reliable. However, SECURA accepts no legal responsibility for the accuracy, sufficiency, or completeness of such information. Additional safety and health procedures may be required under particular circumstances.

Learn more at secura.net/safety-resources

