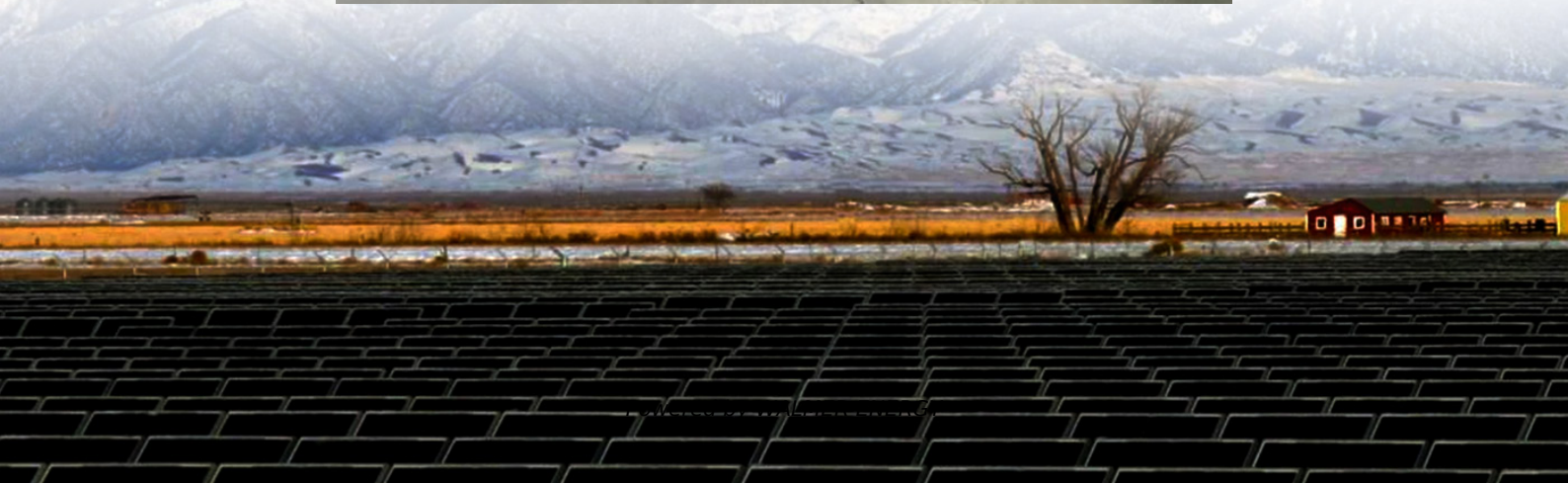


# **What are the protection standards for outdoor battery cabinets**





## Overview

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How can lithium-ion batteries be protected?

These approaches take the form of publicly available research, adoption of the most current lithium-ion battery protection measures into model building, installation and fire codes and rigorous product safety standards that are designed to reduce failure rates.

Are lithium-ion batteries safe?

As with most cases of energy stored in an engineered system, there are potential safety risks if a lithium-ion battery becomes compromised by physical damage, environmental abuse or improper charging.

Where can I find a UL certified battery containment enclosure?

Battery containment enclosures certified by UL Solutions to UL 1487 can be found in the online certification directory, UL Product iQ®. Product iQ is available to use at no cost but requires a one-time registration.

How can a battery containment enclosure reduce gas release?

Once generated, the gas must be safely diluted, extracted or neutralized after exiting a battery containment enclosure. Product characteristics, such as dedicated gas vents and smaller SCECRs (i.e., separation) can direct and reduce the potential gas release. However, an additional approach is needed.



## What are the protection standards for outdoor battery cabinets

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