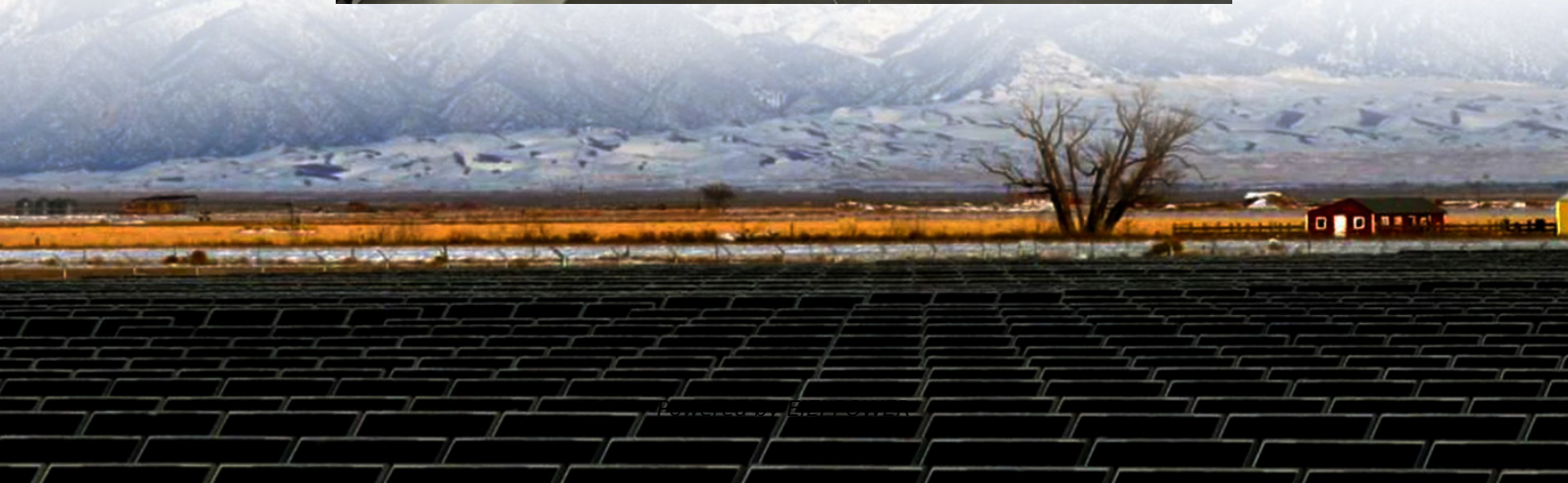


How to maintain lithium batteries in energy storage cabinets





Overview

How to store a lithium battery?

When it comes to storing lithium batteries, taking the right precautions is crucial to maintain their performance and prolong their lifespan. One important consideration is the storage state of charge. It is recommended to store lithium batteries at around 50% state of charge to prevent capacity loss over time.

How do you care for a lithium ion battery?

Properly maintaining and caring for your lithium-ion batteries can mitigate the effects of battery aging. By implementing storage guidelines, charging practices, and avoiding excessive discharge, you can ensure that your batteries perform optimally for a longer duration.

How should a lithium ion battery be charged before storage?

Before storage, lithium-ion batteries should be charged to the recommended state of charge (SoC) using a reliable battery management system or intelligent charger. Disconnecting the battery from the charger after reaching the desired SoC is essential to prevent overcharging.

How do I prepare a lithium battery for storage?

Proper handling is just as important as the charge level when preparing a battery for storage. If the lithium battery is inside a device that won't be used for a while, remove the battery from the device if possible. Many electronics slowly drain the battery even when turned off, so removing it prevents any gradual discharge.



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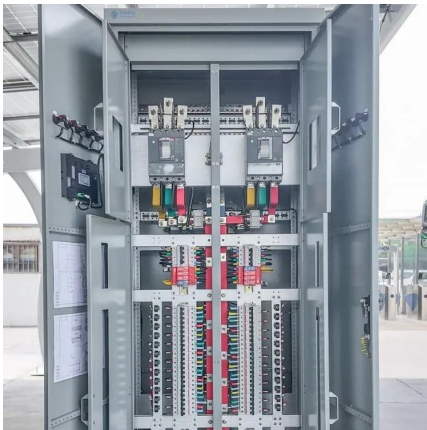
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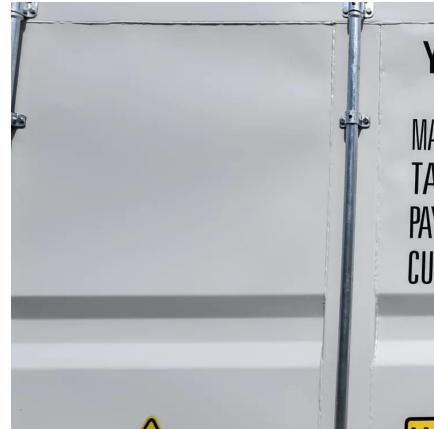
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