

# **Can energy storage lithium batteries be checked in**





## Overview

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### How to store lithium ion batteries?

Lithium battery storage buildings with climate control are ideal for storing bulk quantities of Li-ion batteries at specific temperatures to ensure a safe storage environment. Also, be aware of the state of charge while storing. Nickel and lithium-ion batteries should be stored at around 40% state of charge.

### What temperature should a lithium battery be stored?

Temperature is vital for understanding how to store lithium batteries. The recommended temperature for lithium-ion battery storage for most varieties would be ideally 15°C (59°F), a moderate area that isn't extremely hot nor extremely cold—but that's not the case across the board.

### Why do lithium batteries need to be stored properly?

Because of a propensity to self-heat, properly storing lithium batteries is necessary to avoid fires that can harm you and your property. When the lithium battery temperature is -20 to 5°C and there is an incoming charge current over 10 amps, self-heating can occur. The result can be the release of gas, which can cause fires, and even explosions.

### How often should a lithium ion battery be recharged?

You should periodically monitor and recharge lithium-ion batteries in storage to compensate for natural self-discharge (usually 10-20% per year). Even after a lithium-ion battery appears completely nonfunctional, that doesn't mean it's safe.



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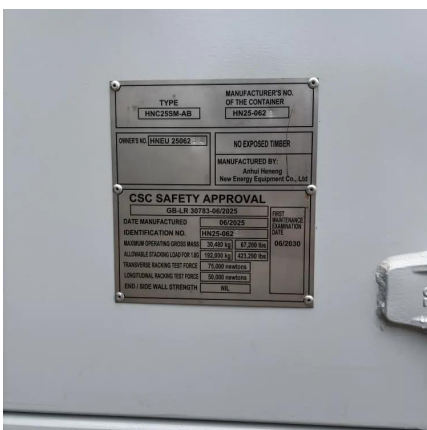
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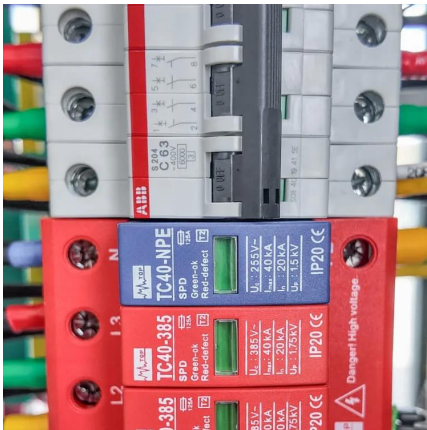
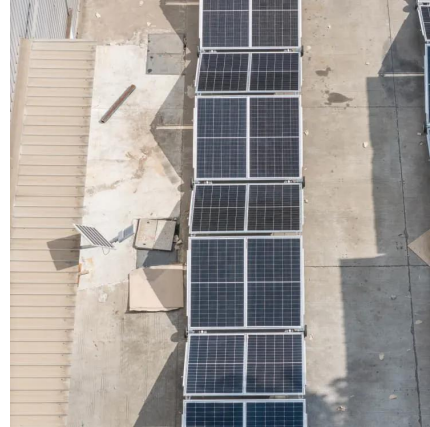
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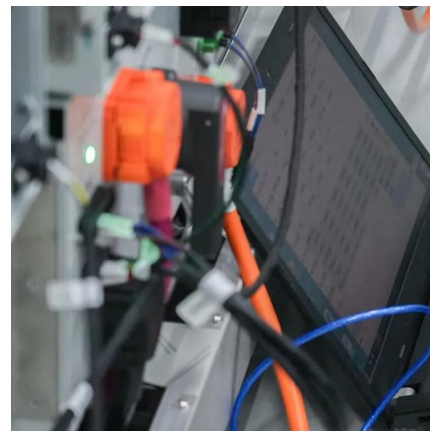


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