



**SolarTech Power Solutions**

# **Can a full battery cabinet be temporarily stored**



## Overview

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How do you store half-used batteries?

When you take half-used batteries out of seasonal devices like holiday lights or camping gear, store them in a way that keeps them separate from unused batteries to avoid confusion. It also helps if new batteries are left in their original packaging. Speaking of which.

How do you store a battery?

Another option is to cover the posts with electrical tape while in storage. As easy as it may be to have a dedicated “battery drawer” or to store loose batteries in a plastic zipper bag together, it’s not a great idea.

What temperature should a battery be stored?

When it comes to temperature, battery storage is actually pretty easy. The ideal temperature for alkaline batteries is about 60°F, while the preferred range for lithium batteries is between 68°F and 77°F. That being said, all batteries will keep just fine as long as they’re within the general range of what would be considered room temperature.

Should batteries be stored in the freezer?

This debunks the common myth that batteries should be stored in the freezer. Sub-freezing temperatures can prematurely drain batteries and reduce their effectiveness. That being said, it’s okay to refrigerate them to protect them from extreme heat; just make sure they have time to return to room temperature before you use them.

Why should you leave batteries in their packaging?

Leaving batteries in their packaging allows you to identify different types and brands of batteries easily, and eliminates any possibility of mixing up new and used batteries. It also ensures that the ends of loose batteries don’t contact each other.

## How long do batteries last?

As a general rule, batteries are considered to have a shelf life of about 10 years, but it varies between different types of batteries, and can be impacted by various external factors. Shelf life is partially determined by batteries' self-discharge rate, which is the rate at which they lose power when not in use.

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