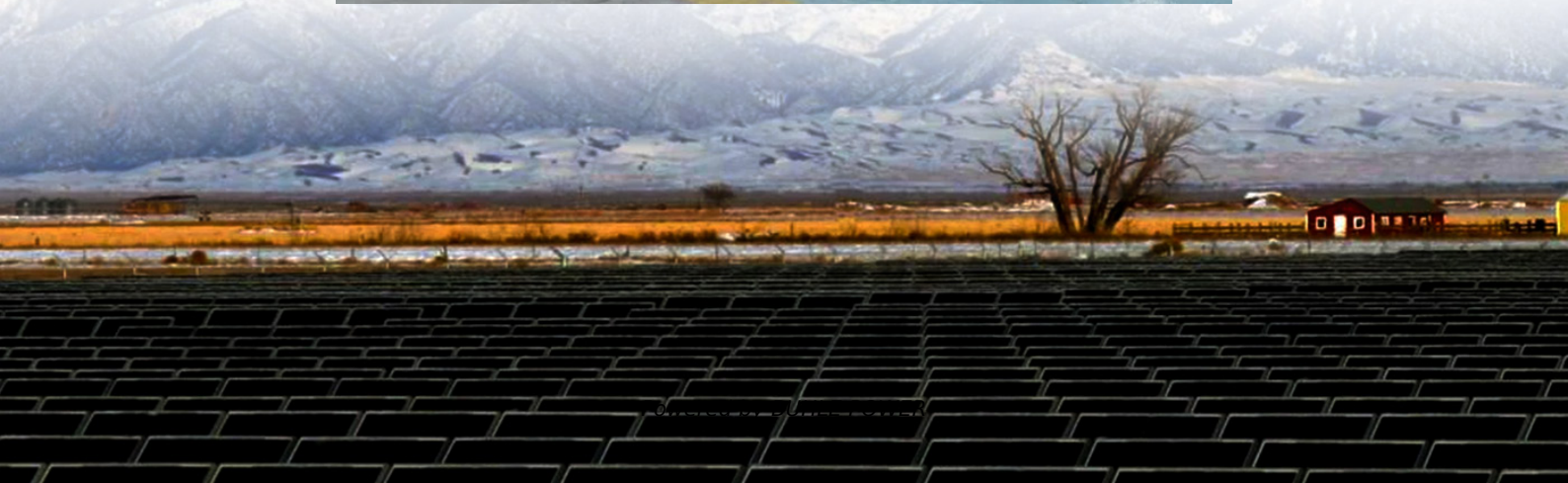


# Specification requirements for battery cabinets in weak current room





## Overview

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Safety requirements for batteries and battery rooms can be found within Article 320 of NFPA 70E Never install batteries or battery cabinets in a sealed enclosure or room. How is battery room compliance interpreted?

Battery room compliance can be interpreted differently depending on your battery type, amount of cells or multi-cell units in a common area, volume of electrolyte and voltage present. Although the code is specific about requirements, the local interpretation can vary depending on the end users experience or awareness.

How to choose a battery room?

The location shall be selected so as to protect the battery from flooding and other natural phenomena, and from fire and explosions in the operating areas. The overall dimensions of the battery room shall permit an orderly layout of the battery rack (s).

How should batteries be maintained?

Batteries should be maintained according to the manufacturer's maintenance schedule and IEEE-1188 best practices. Approved devices should be used to measure and trend parameters to avoid a thermal runaway condition.

How should a battery room be located?

This will reduce the cost and exposure of the dc distribution system. The battery room shall be located in a way that provides access for lifting equipment to be used during initial installation and future maintenance operations. The location shall be as free from vibration as practical.



## Specification requirements for battery cabinets in weak current room

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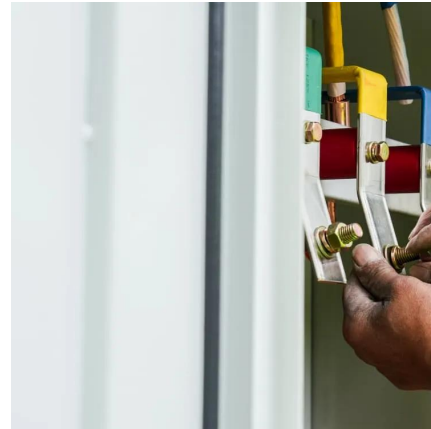


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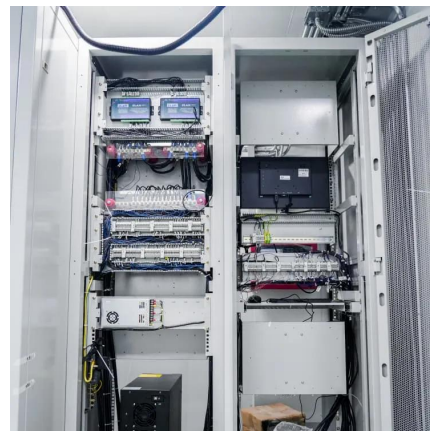


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