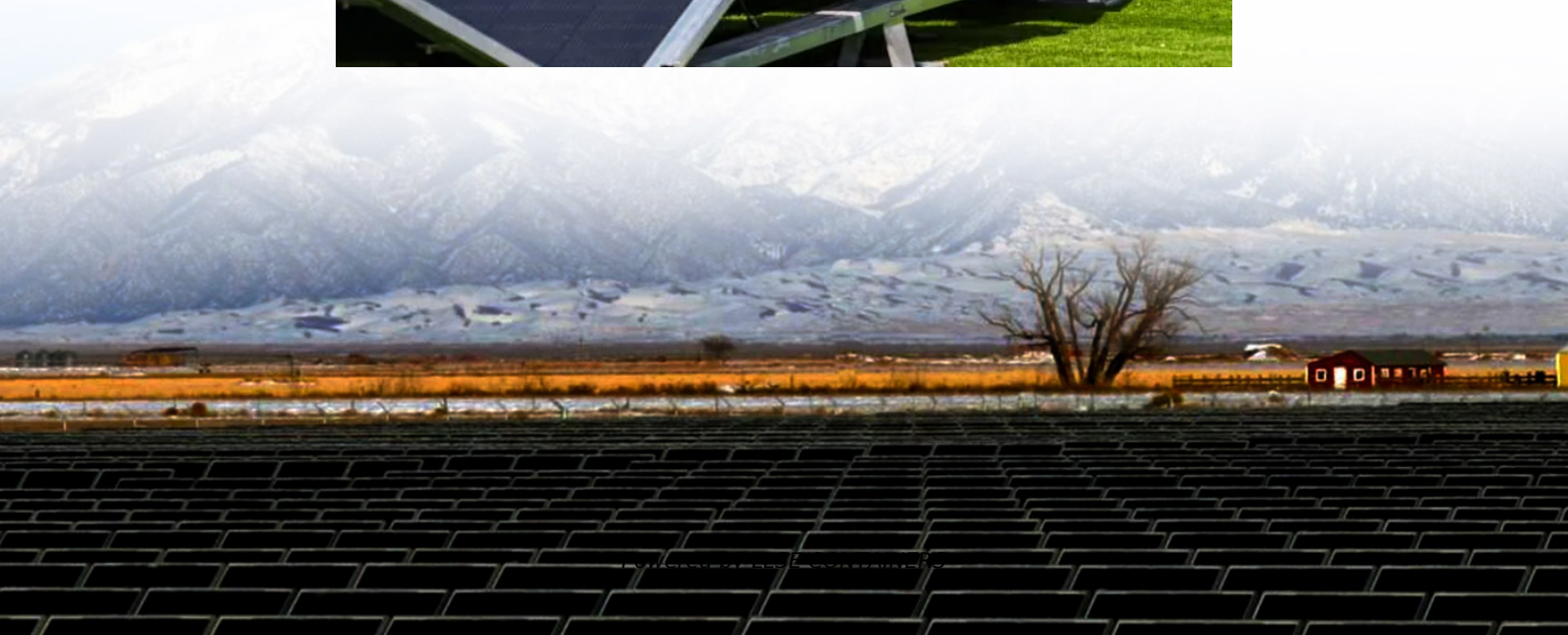


# **Battery cabinet production line safety**





## Overview

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What is the purpose of a battery safety report?

The report is intended to be used as a guidance for any machine manufacturer, insurance company, owner / investor / operator of a battery manufacturing plant. Siemens pursues a holistic approach to fire protection in the production of battery cells.

Why is fire safety important in Li-ion battery cell production plants?

Fire safety is of utmost importance in li-ion battery cell production plants due to the potential risks associated with the highly energetic and flammable materials. Siemens has developed and published a concept to identify the process-steps with the highest risks and how to protect these.

How does a storage cabinet protect against a backdraft?

In contrast to other safety storage cabinets, the BATTERY line has a novel feature: a mechanism which automatically closes and locks the cabinet doors in the event of a fire inside the cabinet. The locking system prevents opening by employees and thus protects against a possible backdraft.

What happens if a fire starts outside a safety storage cabinet?

The cabinet's automatic door closing system is triggered if a fire starts outside the safety storage cabinet. In contrast to other safety storage cabinets, the BATTERY line has a novel feature: a mechanism which automatically closes and locks the cabinet doors in the event of a fire inside the cabinet.



## Battery cabinet production line safety

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