

## What does the factory insurance of the energy storage cabinet include

What are the components of an energy storage system?

Energy storage systems can include some or all of the following components: batteries, battery chargers, battery management systems, thermal management and associated enclosures, and auxiliary systems. Lithium-ion battery back-up units for distributed power systems installed in server racks of data processing equipment rooms/halls.

Where are energy storage systems located?

Energy storage systems can be located in outside enclosures, dedicated buildings or in cutoff rooms within buildings. Energy storage systems can include some or all of the following components: batteries, battery chargers, battery management systems, thermal management and associated enclosures, and auxiliary systems.

How should energy storage systems be designed?

Designing resilient systems: although it is impossible to design for any scenario, energy storage systems should be designed to withstand common and uncommon environmental hazardsin the areas they will be deployed.

Why do you need warranty insurance for your energy storage system?

Our warranty insurance solutions help to secure your sustainable business in the long run. Energy storage systems often involve the complex integration of multiple high-tech components. These are all prone to failure and malfunction, particularly over long periods of ten years and more.

Do energy storage systems need fire protection?

This is typically implemented using safety devices and controlling the operating conditions and environment. To date there is no publicly available test data that confirms the effectiveness of any active fire protection for energy storage systems, and there are no fire protection systems FM Approved for this application.

Should thermal protection be included in energy storage systems?

Thermal protections should account not only for chemical thermal runaway events that begin within an energy storage system, but also for external sources of heat - from environmental heat of a hot summer day in an enclosed container in direct sun to wildfires encroaching on a site.



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