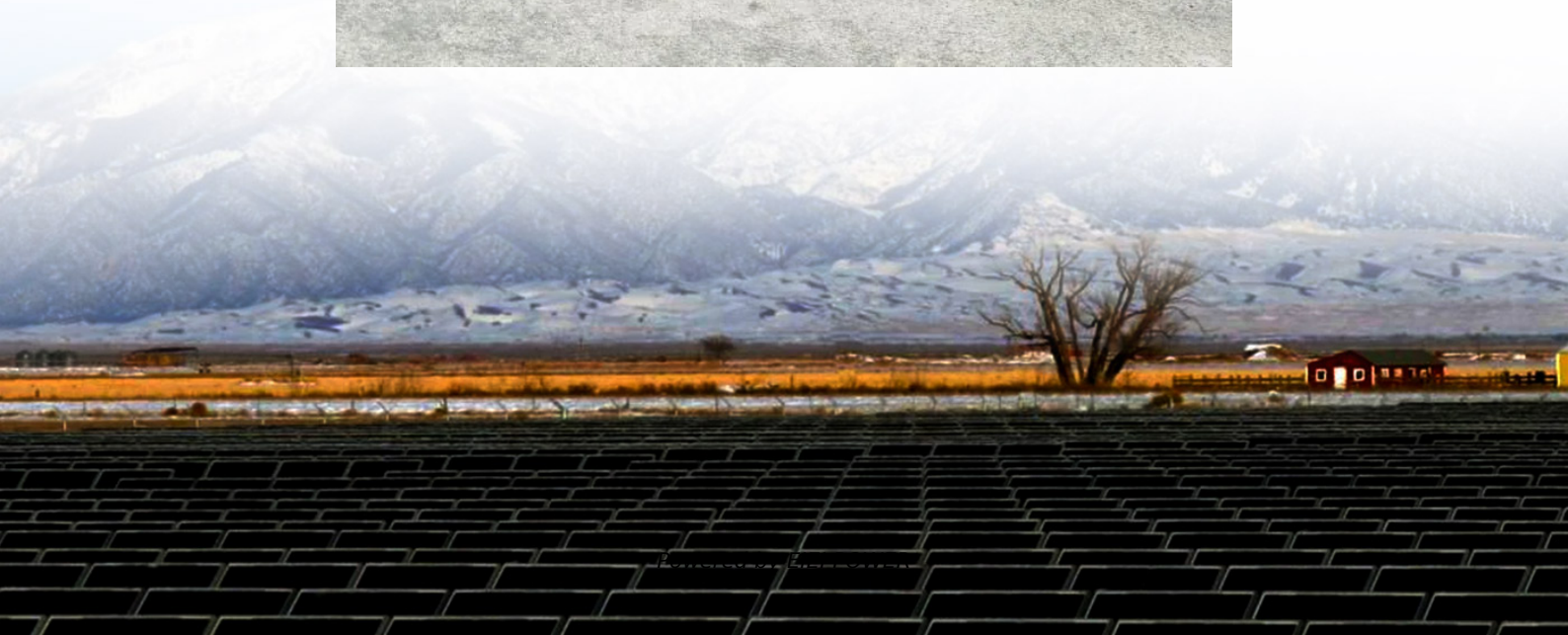


Battery cabinet thermal pad production base





Overview

Do battery pack manufacturers need thermal barriers?

Battery pack manufacturers, whether automotive or energy storage, face similar challenges with cell life and performance. For thermal barriers between battery cells to be completely effective, they must perform three main functions. In doing so, they secure the safety of the pack and provide optimum performance and life expectancy of the cells.

What are encapsulated ATP pads?

Encapsulated ATP Pads delay or prevent the propagation of thermal energy from a cell in thermal runaway, securing the safety of the battery pack and providing optimum performance and life expectancy of the cells. The encapsulated design is optimised for assembly processes and prevents insulation material particles from entering the environment.

What is a framed anti-thermal propagation pad?

The Framed Anti-thermal Propagation (ATP) Pad is an advanced thermal cell barrier that incorporates a physical built-in spacer surrounding the thermal insulation pad, providing optimal space between battery cells and enabling the mechanical properties of the insulation material to absorb cell expansion.

What is a framed ATP pad?

1. The Insulation Material - This critical material used within the Framed ATP Pad provides insulation between cells using anti-thermal propagation technology to prevent thermal propagation in a thermal runaway event. It also provides the mechanical resistance to the wall of the cell during expansion and supports the contraction to original state.



Battery cabinet thermal pad production base

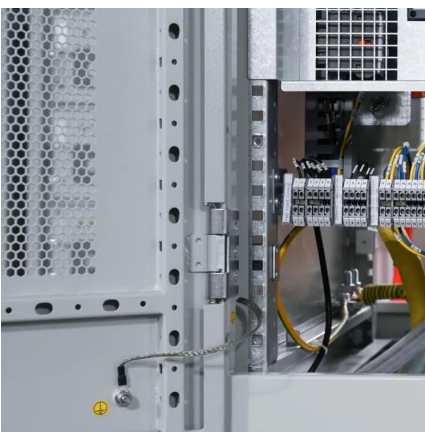


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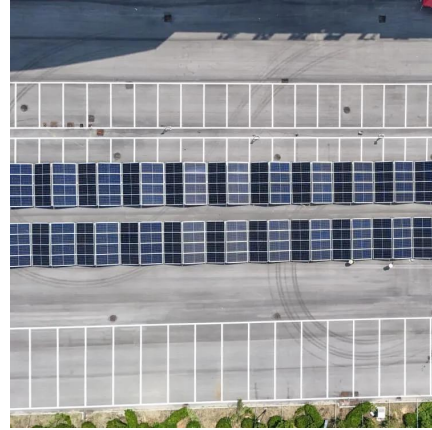


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