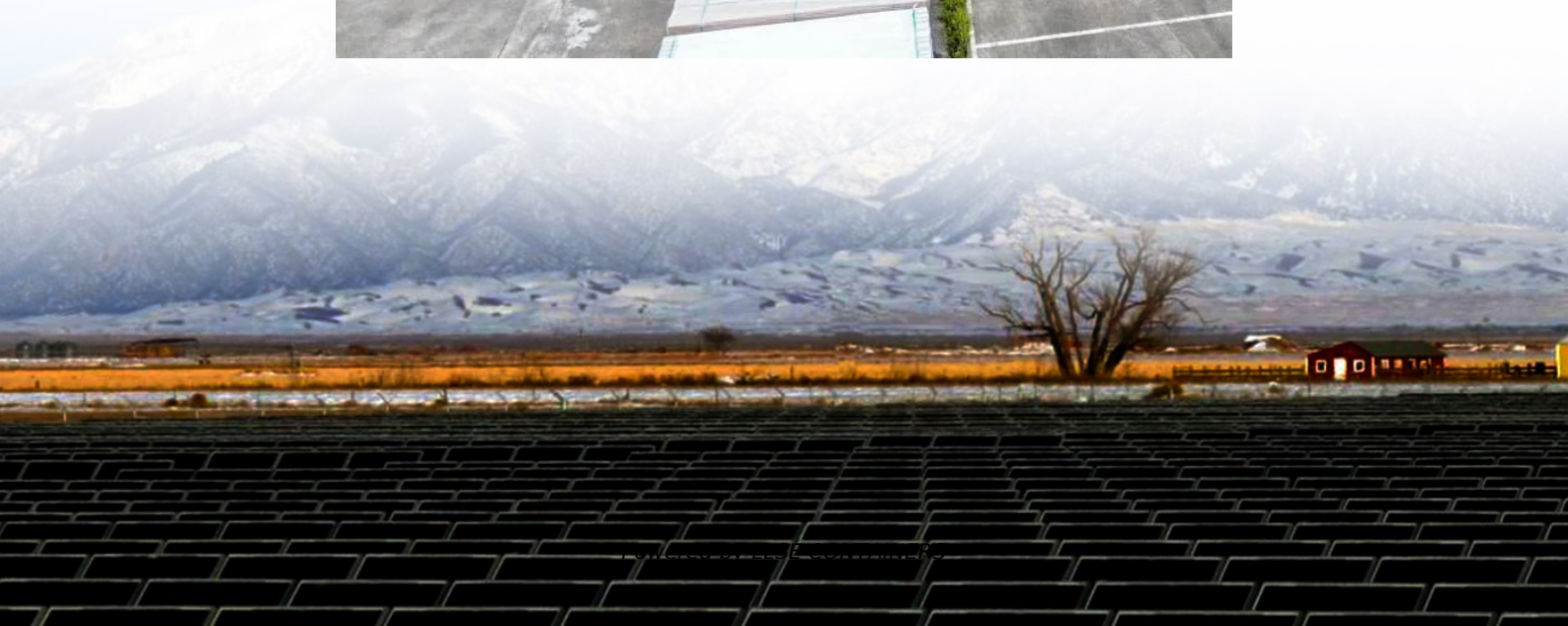


Solar container battery assembly battery cell





Overview

How are battery cells connected?

Once cleaned, the cells are connected side by side, forming the foundation of the battery pack. The number of cells and modules required varies depending on the specific application model. This initial connection of battery cells sets the stage for the subsequent steps in the manufacturing process.

How are battery cells manufactured?

This initial connection of battery cells sets the stage for the subsequent steps in the manufacturing process. With the connected battery cells in hand, the next step is modularization. This process involves securing the interconnected battery cells within a module case. The cells are carefully arranged and fixed in place.

Why do batteries need to be sealed?

At the end of the battery manufacturing process, the critical areas of the battery need to be sealed to avoid corrosion. State-of-the-art battery designs have many surface breaks, trim edges and joints. For example, mechanical cover-to-tray joining can cause slight damage to the lid's coating.

How does a battery module work?

This process involves securing the interconnected battery cells within a module case. The cells are carefully arranged and fixed in place. To ensure that these cells function seamlessly together, they are connected using either a wiring harness or a busbar, facilitating the flow of electrical energy between them.



Solar container battery assembly battery cell



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