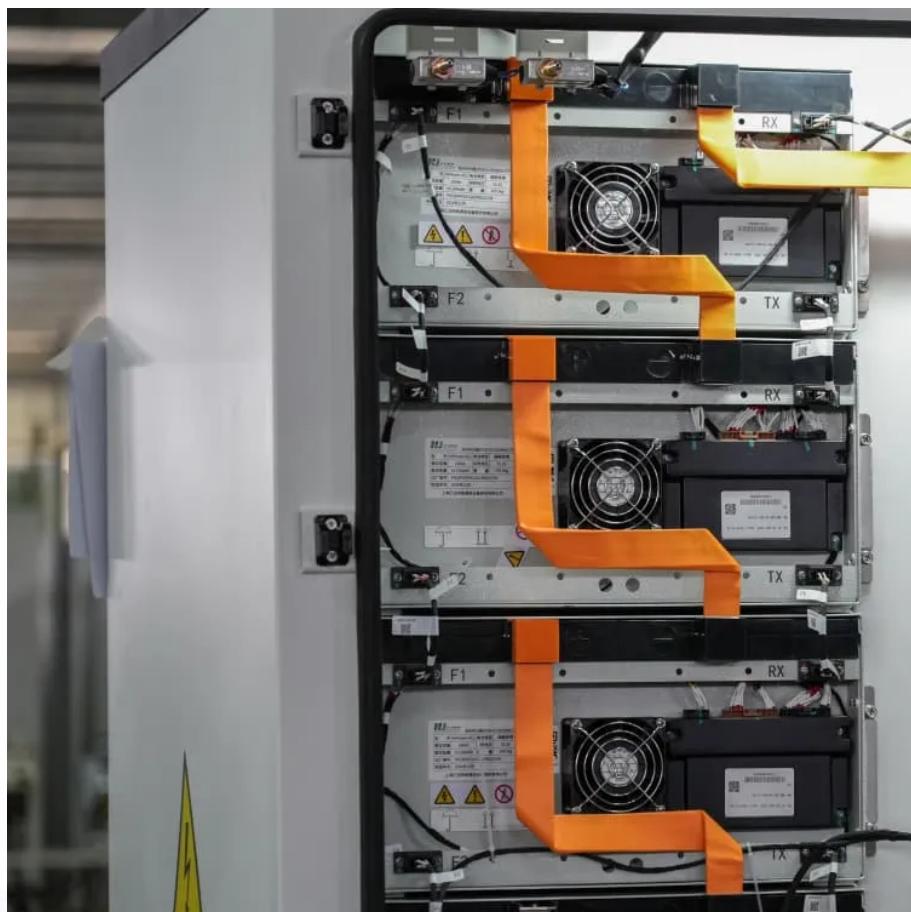




LLSE CONTAINERS

# Automatic cell separator for solar container battery





## Overview

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What is a battery separator?

The battery separator is a porous polymeric membrane needed to avoid the direct contact between the anode and the cathode of a battery cell. It is one of the most important elements stored inside the battery cell, together with the anode, the cathode and the electrolyte liquid.

What is cellulose based battery separator?

In addition, integrated with high thermal stability, the cellulose-based separator endows batteries with high safety at high temperatures, greatly expanding the application scenarios of energy storage devices in extreme environments. No abstract is available for this article.

Why is Celgard a good battery separator?

Celgard's machine direction (MD) only stretched base films are uniaxially-oriented in the machine direction (MD) with high strength and practically zero transverse direction (TD) shrinkage. As a battery separator, these features significantly improve cell manufacturability and safety.

What are the best battery separators?

With additional benefits including compression resistance, z-direction strength, and low tortuosity, Celgard® Trilayer base films are one of the safest and most durable battery separator solutions for high power performance cells. Celgard® Trilayer PP/PE/PP base films are available in thicknesses ranging from 10 to 38 microns.



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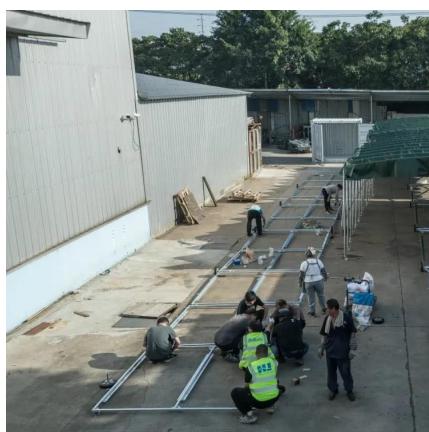


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...



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