

Battery module pack extrusion





Overview

What is battery module assembly process?

The battery module assembly process is a crucial step in the battery pack manufacturing process, where individual battery cells are grouped into modules. This stage enhances efficiency, safety, and performance by integrating electrical connections, thermal management systems, and safety features.

How a battery pack is formed?

The battery pack is formed by collecting several modules adding a battery management system (BMS) and a cooling device. Cells come together to become modules, and modules come together to become battery packs. Cells and modules are mixed in series or in parallel to make a battery pack according to a desired voltage, capacity, or power density.

What is a battery pack?

A battery pack is the final unit of a battery placed on an electric vehicle. The battery pack is formed by collecting several modules adding a battery management system (BMS) and a cooling device. Cells come together to become modules, and modules come together to become battery packs.

What is the process chain for the production of battery modules?

, this brochure presents the process chain for the production of battery modules and battery packs. ● The individual cells are connected in series or parallel in a module. Several modules and other electrical, mechanical and thermal components are assembled into a pack. Battery value chain Overview of the production sequence from cell to system



Battery module pack extrusion

Battery Pack Module Stacking Pressing & Extrusion Machine ...

Extrusion process description Embedded steel stripp Cell stacking extrusion Steel strip sleeve Pinch online Technical Parameter Equipment weight applicable battery cells Appearance color ...

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