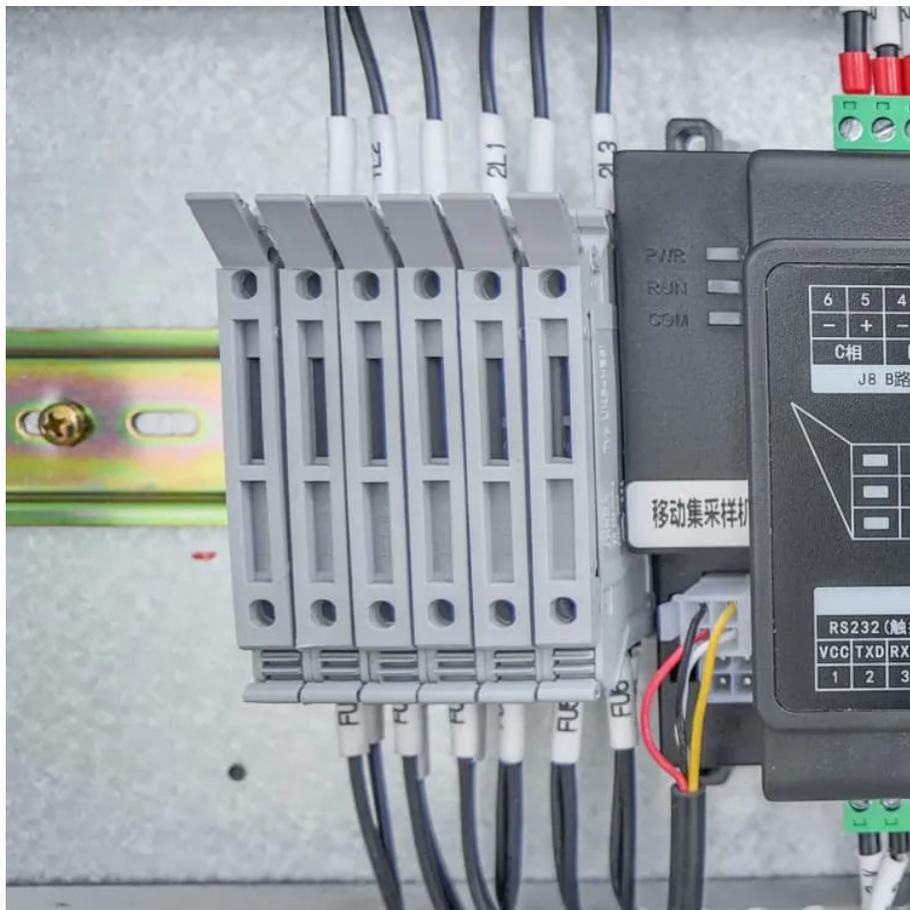


# What should be done in the early planning of battery pack





## Overview

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What is the first step in battery pack design?

The first and foundational step in battery pack design is a thorough analysis of requirements and specification definition. This initial phase sets the direction for the entire design process. During this stage, our engineering team works closely with clients to determine key parameters based on the specific application needs.

How to design a battery pack?

The dimensions of battery packs also require a design to space evaluation. The occupied volume of the pack should be suitable for the related car chassis. As previously mentioned in Section 1, CTP and CTC are two different strategies for packaging design. These approaches differ from the modular one.

How do you design a custom lithium battery pack?

This blog post outlines the comprehensive design process we follow when developing custom lithium battery packs for our clients. The first and foundational step in battery pack design is a thorough analysis of requirements and specification definition. This initial phase sets the direction for the entire design process.

How can battery packaging design improve battery safety?

A robust and strategic battery packaging design should also address these issues, including thermal runaway, vibration isolation, and crash safety at the cell and pack level. Therefore, battery safety needs to be evaluated using a multi-disciplinary approach.



## What should be done in the early planning of battery pack

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