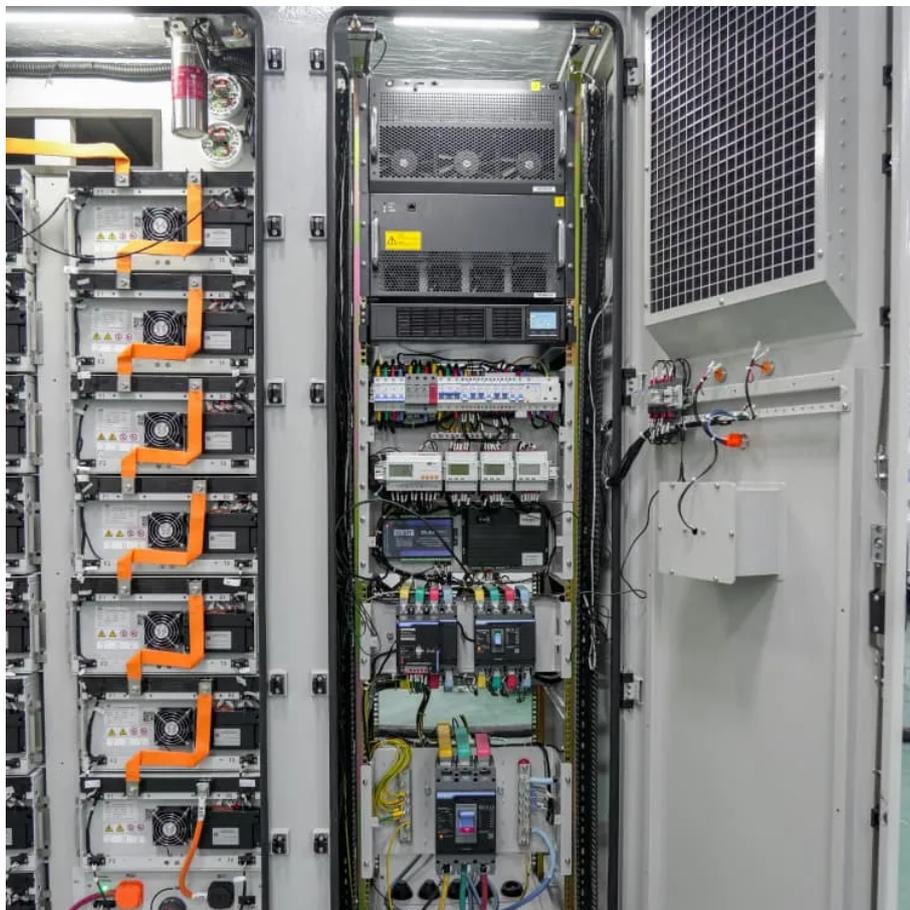


# Battery pack support structure





## Overview

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What is a battery pack box structure?

The power battery is the only source of power for battery electric vehicles, and the safety of the battery pack box structure provides an important guarantee for the safe driving of battery electric vehicles. The battery pack box structure shall be of good shock resistance, impact resistance, and durability.

Where is the battery pack box arranged?

The battery pack box of the target vehicle is arranged under the chassis, below the floor of the passenger compartment, disassembled from the electric vehicle. The appearance structure of the box is shown in Fig. 3. After removing the upper cover, the battery pack module is presented, and the structure is shown in Fig. 4.

How does a battery pack box work?

The battery pack box is bolted to the chassis structure of the vehicle through the lifting lugs and fixed to the chassis of the vehicle. The internal structure of the battery pack box is shown in Fig. 8. The structure includes the upper-pressure rod, the upper-pressure cover, and the inner frame.

What are the different types of battery pack structures?

This article provides a brief introduction and comparison of the current mainstream battery pack structures: CTP (Cell To Pack), CTC (Cell To Chassis), CTB (Cell To Body), and CTM (Cell To Module). CTP stands for Cell To Pack, meaning that the cells are directly assembled into the battery pack.



## Battery pack support structure

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