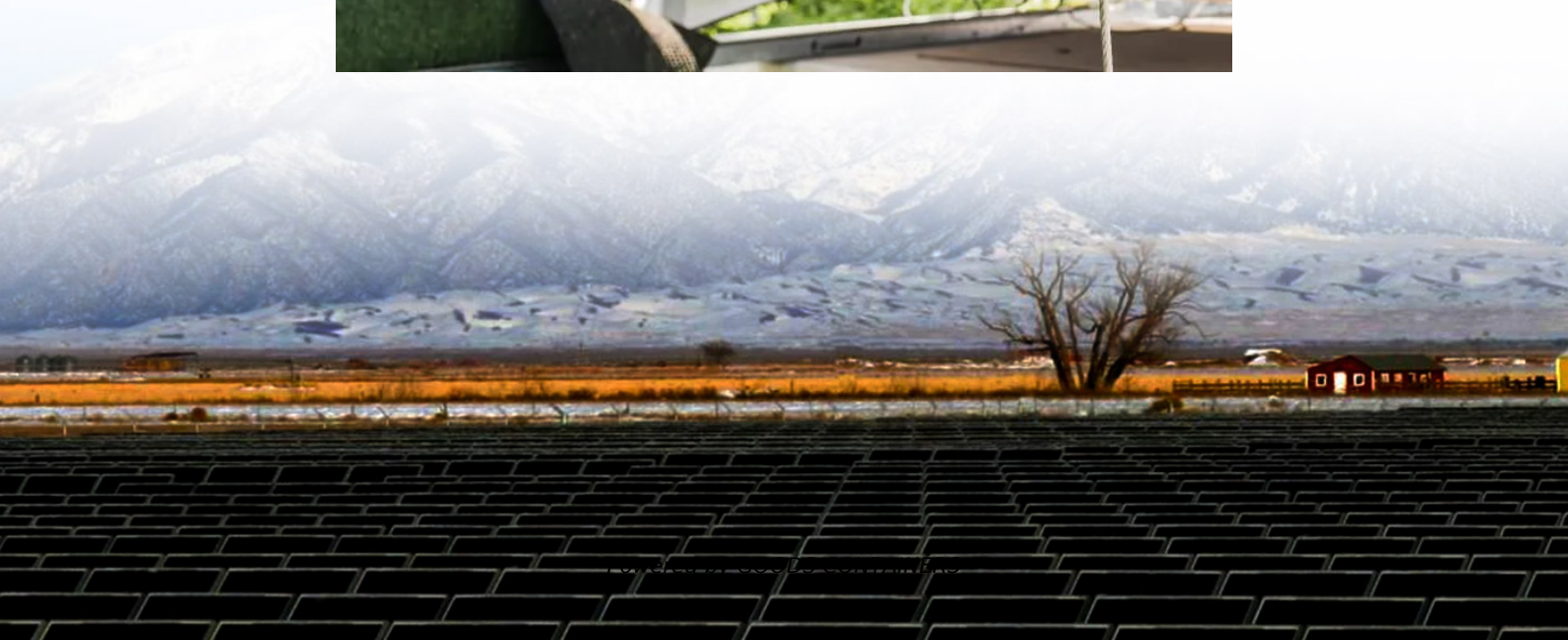


Battery cabinet cooling plate manufacturers





Overview

What is a battery cold plate?

One of the most efficient and cost-effective technologies in the market today is the battery cold plate, specifically designed for direct refrigerant cooling (direct-to-cell cooling). Guichen Industry offers an advanced battery direct cooling plate tailored for Battery Electric Vehicles and Range-Extended Electric Vehicles applications.

What is an electric vehicle battery cooling plate?

An electric vehicle (EV) battery cooling plate refers to a component designed to manage the battery pack's temperature in an electric vehicle. The cooling plate mainly comprises a conductive plate with passages or channels from which a cooling or refrigerant fluid circulates.

What is a direct cooling cold plate?

A direct cooling cold plate is a thermal management component that allows direct contact between the refrigerant and the battery cells, enabling rapid heat dissipation. This technology ensures that temperature within the battery pack remains uniform, preventing hot spots and improving the overall performance of the vehicle.

Where are battery thermal management components made?

Located in Suzhou, China, they're masters in developing battery thermal management components, like battery pack enclosure, liquid cooling plates, with a variety of proprietary product lines. Their edge?

A one-stop solution from R&D to production, all meeting automotive-grade standards (IATF 16949). They have cooperation with Vinfast, LG, etc.



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