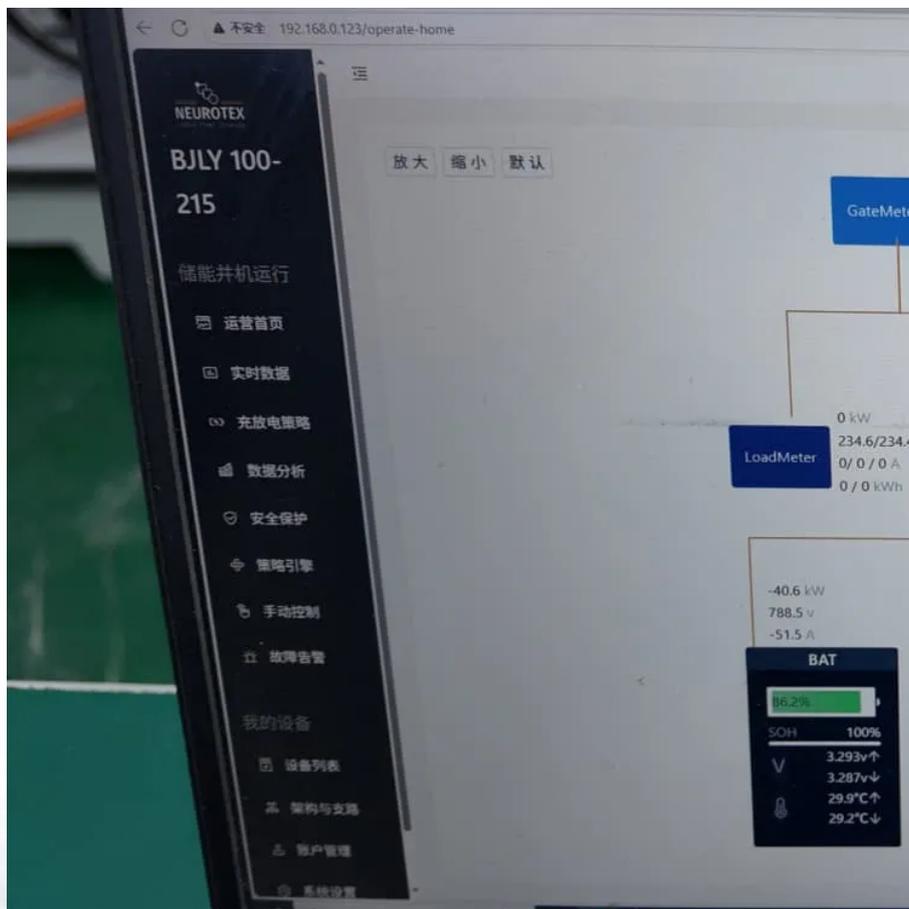


After-sales service for bidirectional charging of mobile energy storage containers





Overview

What is a bi-directional charging system?

This shift is made possible by the cutting-edge bi-directional charging technology. Bi-directional charging allows EVs to function as mobile energy storage units. Equipped with this technology, EVs can not only draw power from the grid but also return electricity to it, or supply power to homes during peak demand or in the event of blackouts.

Can bidirectional electric vehicles be used as mobile battery storage?

Bidirectional electric vehicles (EV) employed as mobile battery storage can add resilience benefits and demand-response capabilities to a site's building infrastructure.

Can bi-directional charging be a Mainstream Energy Solution?

Sigenergy is proud to be among the first to successfully implement bi-directional charging in a commercial setting. In partnership with NIO, a leading EV manufacturer in China, Sigenergy has demonstrated the viability of bi-directional charging as a mainstream energy solution.

What is a bidirectional EV?

A bidirectional EV can receive energy (charge) from electric vehicle supply equipment (EVSE) and provide energy to an external load (discharge) when it is paired with a similarly capable EVSE.



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