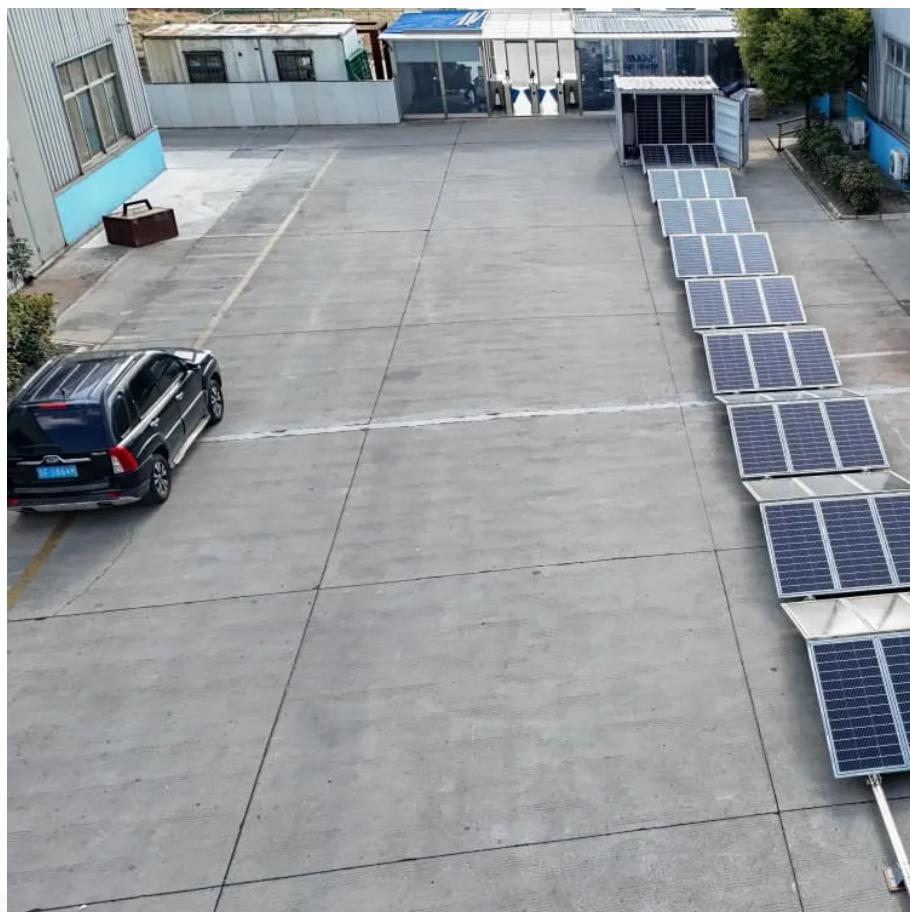




LLSE CONTAINERS

Fuel Cell Energy Storage and Power Generation





Overview

What are the applications of fuel cells?

Fuel cells have applications in other areas such as power generation and distributed power. Use of fuel cells is quite advantageous as they produce very less noise during working and due to its location near the site. They are the cleanest source of power generation (3).

What are the benefits of using fuel cells?

Use of fuel cells is quite advantageous as they produce very less noise during working and due to its location near the site. They are the cleanest source of power generation (3). Also, green emissions are very less and efficiency is more in the conversion of the fuel energy into power.

What is a fuel cell power package?

The fuel cell power package was provided by Zero Emissions Industries. It comprised of 360-kW Cummins fuel cells and Hexagon hydrogen storage tanks with a capacity of 246 kg. This system is integrated with a 100-kWh lithium-ion battery system provided by XALT and a 600-kW electric propulsion system provided by BAE Systems , , , .

Can fuel cells be used for portable systems?

From another stance, fuel cells being used for portable systems show their versatility as an advanced technology. Integrating FCEVs into the power grid to support operations is developed through the Car as Power Plant (CaPP) concept.



Fuel Cell Energy Storage and Power Generation



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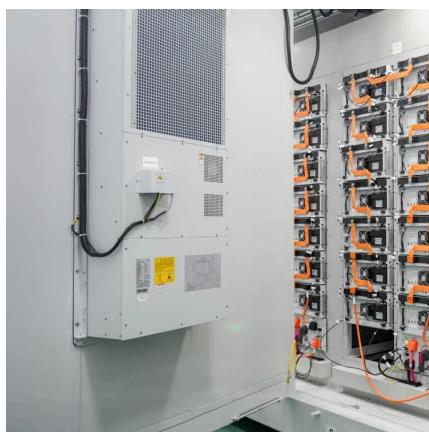


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