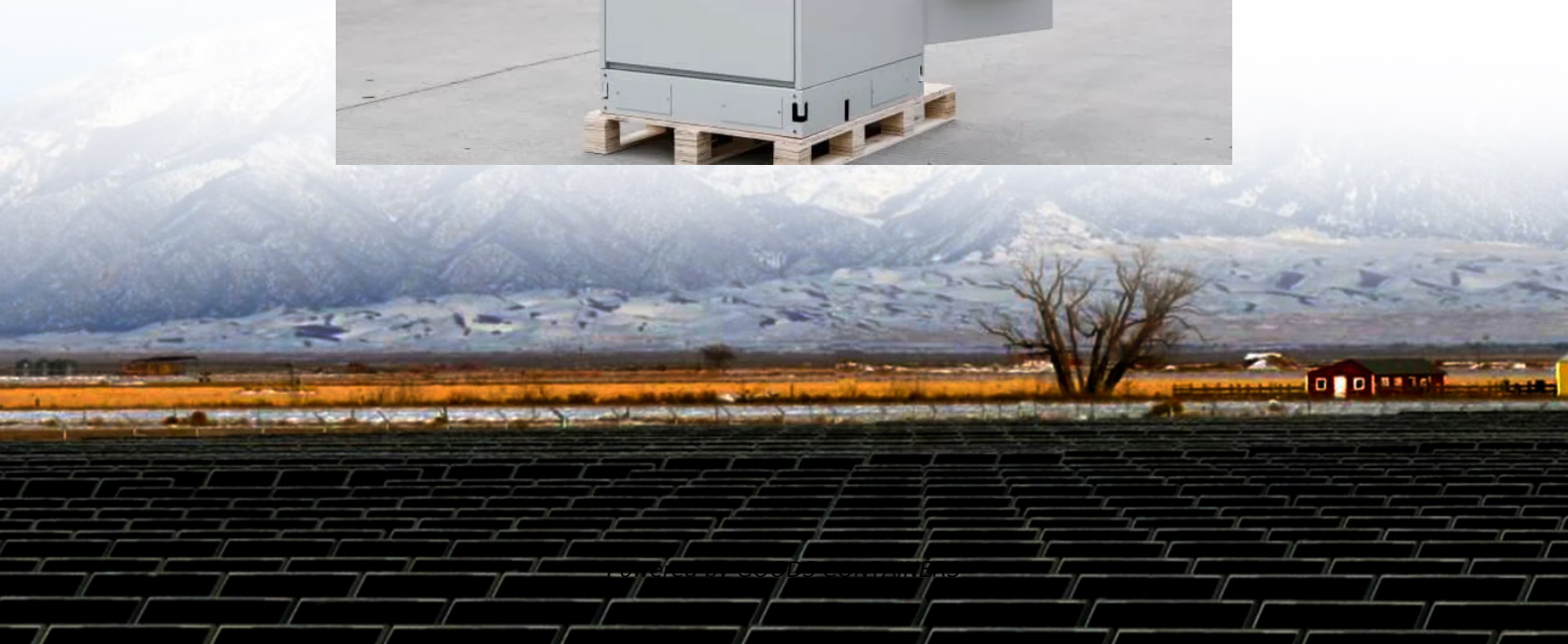


What is the power generation used for the construction site container





Overview

How can hydrogen be used in construction?

In the construction sector, hydrogen can be used to power heavy machinery and equipment, reducing reliance on fossil fuels and minimizing emissions on job sites. Fuel cell technology, powered by hydrogen, can provide clean and efficient energy for construction vehicles, such as excavators, cranes, and generators.

Are hydrogen fuel cell power generators the future of construction?

Although hydrogen fuel cell power generators are established and proven, they are still considered nascent technology in the construction sector and have been met with skepticism. At Hitachi Energy, we recognize this challenge and are taking steps to foster widespread acceptance.

Could a purely electrically-powered construction site be a sustainable future?

This commercialised invention marks a new era of a purely electrically-powered construction site for a sustainable future. The first of its kind in Hong Kong, the Enertainer – a blending of “energy” and “container” – is a battery storage system intended as the primary source of power for construction machinery on site.

How can the construction industry contribute to a hydrogen energy transition?

Investment in research and development, pilot projects, and public-private partnerships can help accelerate the deployment of hydrogen infrastructure and address the specific needs of the construction sector. By tackling these challenges head-on, the industry can pave the way for a successful hydrogen energy transition.



What is the power generation used for the construction site contain



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