



## A-Core Container

# Smart Grid Energy Storage UHV Power Station



## Overview

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Will UHV power transmission be a smart grid?

At the 2009 International Conference on UHV Power Transmission in Beijing, State Grid proposed the development of a "strong and smart" grid with ambitious plans to achieve this goal as early as 2020, in contrast to Russia and Japan, whose UHV transmission projects are limited to the construction of lines.

Where is CSG's Meizhou baohu energy storage power station located?

In March 2023, CSG's Meizhou Baohu energy storage power station was officially put into operation in Wuhua county, Meizhou, Guangdong province. The energy storage power station has a capacity of 70 MW/140 MWh.

How much energy does a power station generate?

The energy storage power station has a capacity of 70 MW/140 MWh. Based on calculations of charging and discharging 1.75 times per day, it can generate nearly 81 million kWh per year, equivalent to the electricity needs of 3.5 million users during peak hours in a day, reducing carbon dioxide emissions by over 45,000 tons.

What is UHV Flexible DC wall bushings?

It bears ultra-high voltage and large currents, providing conduction, insulation, and mechanical support. The successful operation of this equipment signifies a technological breakthrough for China in the field of UHV flexible DC wall bushings.

What is energy storage system products list?

Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.

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### Contact Us

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