Solar Storage Container Solutions

Brasilia Super Base Station Power System

- ☑ IP65/IP55 OUTDOOR CABINET
- ☑ IP54/55
- ☑ OUTDOOR ENERGY STORAGE CABINET
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Overview

How will a power transmission line work in Brazil?

Stretching through the states of Maranhão, Tocantins, and Goiás, the power transmission line will take clean energy like wind, solar, and hydroelectric power from Northeast and North Brazil to the country's core areas like Brasilia, the federal capital of Brazil, meeting the demands of approximately 12 million people.

What is the largest power transmission project in Brazil?

It is the largest power transmission concession project and the largest infrastructure construction project in Brazil in recent years. State Grid won the bid for the project on Dec 15, 2023, its third time to shoulder a UHV power transmission project overseas. The first two projects are also located in Brazil.

What is the most used energy source in Brazil?

In Brazil, the most used energy sources are renewable. With great emphasis on hydroelectric power, the main base of our energy matrix. According to 2019 data from the National Interactive Energy Balance, 64.9% of the energy consumed in Brazil comes from a hydraulic source.

How does energy work in Brazil?

With more than a century of use and with a large installed capacity, the electric energy sector in Brazil has a complex network of transmission lines that runs through Brazil, allowing a family's refrigerator in the interior of São Paulo to work with energy generated by a hydroelectric plant in the north of the country.
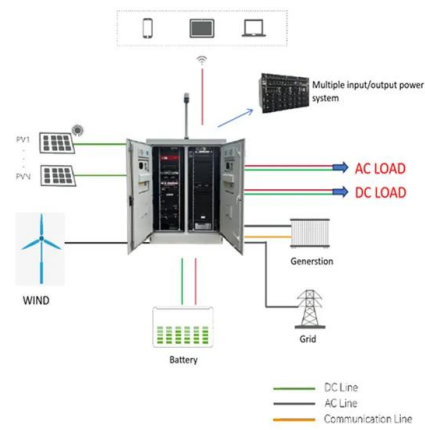
How does the Brazilian electricity sector work?

The Brazilian electricity sector is divided into generation, transmission, and distribution. The generators produce the energy, which will be transported by the transmission companies from the point of generation to consumer centers,

where the distributors are responsible for delivering it to the consumers' homes.

What is Brazil's energy matrix?

In addition, to more sustainability, this also generates lower operating costs for plants that choose renewable energy. In addition to hydropower, Brazil's energy matrix is also divided into natural gas (9.3%), wind (8.6%), biomass (8.4%), coal and derivatives (3.3%), nuclear (2.5%), petroleum derivatives (2.0%), and solar (1.0%).
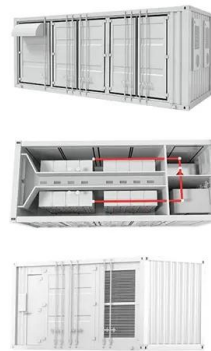
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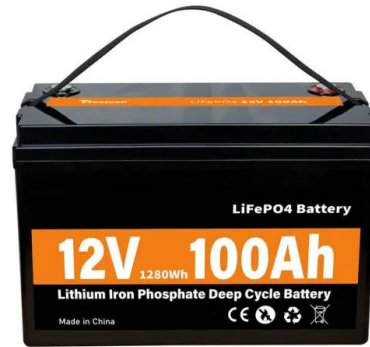

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6.3 - Power grid - Federal District Atlas

The supply of electric energy in the Federal District is the responsibility of the Brasilia Energy Company - CEB. The power transmission system is connected to the Sistema Interligado ...

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