

New Chinese-style power distribution box for data centers



Summary of Content

Chinese-style prefabricated and modular box-type substations offer compact, high-efficiency, and customizable power distribution solutions for modern data centers.

Overview

New Chinese-style power distribution boxes, also known as prefabricated or modular substations, integrate high-voltage switches, low-voltage devices, transformers, and intelligent monitoring systems into a compact, sealed enclosure designed for data center applications. These units are engineered to handle high-load, continuous operation scenarios while ensuring safety, reliability, and energy efficiency.

Key Features

- **Modular and Compact Design:** Units are fully prefabricated and factory-tested, allowing on-site installation with minimal civil work. They occupy only 1/3 to 1/10 of the space of traditional substations, reducing construction costs and project timelines.
- **Voltage Levels:** High-voltage sides typically support 6kV, 10kV, and 35kV, with options for 11kV or 20kV. Low-voltage sides are standard 0.4kV (380V/220V), with industrial customization up to 0.69kV.
- **Capacity Range:** Designed for 125–3150 kVA, supporting both single-unit and parallel operation for megawatt-level power demands.

Article Content

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Prefabricated Substation (Chinese style box)

A Chinese-style substation is a prefabricated power distribution system designed specifically for the Chinese market. It integrates

Contact Us

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