

Industrial Power Distribution Cabinet

This electrical enclosure is designed for power distribution in industrial and commercial settings. It houses circuit breakers, switches, and control devices and features a modular design for expansion and maintenance.



Overview

Industrial Parallel Distribution Cabinet

This parallel distribution control system is designed to manage multiple generator units, enabling automatic synchronization and load distribution for optimal efficiency. The system replaces traditional analog logic with fully digital control, enhancing operational simplicity and performance. It supports up to 32 units in parallel, ensuring a stable, high-quality power supply while reducing fuel consumption and extending equipment lifespan.

Technical Capabilities

System Functions

- Automatic synchronization
- Active and reactive load distribution
- Voltage and frequency control
- Startup and shutdown program control
- Unit detection and protection

Maximum Parallel Units	32 units
Supported Voltage Conditions	220/127V, 400/230V, 480/277V

Operational Features

Operational Efficiency

80 %

Automatic Start Threshold

20 %

Automatic Shutdown Threshold

Key Benefits

Digital Control • Fuel Efficient • Extended Unit Life • Stable Voltage/Frequency • Centralized Management