

# Synchronizing Control Cabinet, 800A

This 800A synchronizing control cabinet is designed for power generation applications. It provides comprehensive control and monitoring of power generators, ensuring seamless synchronization and load sharing.



## ADDITIONAL IMAGES



## Product Overview

### Professional Power Synchronization

This 800A synchronizing control cabinet is designed for the seamless parallel operation of standby generator sets, ensuring reliable power distribution in demanding industrial environments. The system supports complex redundant control configurations and offers advanced grid-connected operational capabilities. With comprehensive telemetry and robust fault protection features, this cabinet provides professional-grade monitoring and management for mission-critical power generation systems.

## Technical Specifications

### Rated Current

**800 A**

Rated Current

### Controller Compatibility

ComAp, DeepSea, Deif

### Breaker Compatibility

ABB, Delixi

## Core Functions

### System Capabilities

- Automatic synchronization and closing
- Automatic load distribution
- Grid-connected constant power factor control

## Protection Systems

### Protection Functions

- Synchronous protection
- Overcurrent protection
- Reverse power protection
- Over/Under voltage protection
- Unit failure and Emergency stop
- Oil pressure, temperature, and speed monitoring

## Monitoring and Telemetry

### Available Telemetry

- Three-phase output voltage and current
- Frequency and speed
- Active and reactive power
- Power factor
- Running time and battery voltage
- Lubricating oil pressure and temperature