

Power Generator Synchronization Control System

This synchronization control system is designed for power generation applications. The system synchronizes generators to a grid or load, ensuring stable and reliable power distribution.



ADDITIONAL IMAGES



System Overview

Professional Synchronization Control System

This advanced synchronization control system is engineered for multi-generator parallel operation and intelligent load sharing. Featuring a robust, compact, and highly integrated design, it ensures reliable power distribution for critical infrastructure. The system incorporates comprehensive monitoring and protection for both electrical and dynamic engine parameters to maintain stable performance.

Monitoring Capabilities

Monitored Parameters

- Engine Speed
- Oil Pressure
- Water Temperature
- Battery Voltage
- Three-phase Voltage, Current, and Frequency
- Active Power, Reactive Power, and Power Factor

Protection Features

Protection & Safety

Category	Fault Types
Electrical	Over/Under Voltage, Over Current, Short Circuit, Reverse Power
Dynamic/Engine	Speed, Oil Pressure, Water Temperature, Battery Voltage Faults

Design and Build

Key Attributes	Compact Structure, Highly Integrated, Floor-mounted, Modular Configuration
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