

Products Overview



Metal-clad withdrawable AC metal-enclosed switchgear KYN61-40.5

KYN61-40.5 The metal-clad withdrawable AC metal-enclosed switchgear (hereinafter referred to as the switchgear) is an indoor complete power distribution device for three-phase AC, 50 Hz, with a rated voltage of 40.5 kV. It is used in power plants, substations, and industrial and mining enterprises for receiving and distributing electrical energy. The switchgear performs functions such as control, protection, and monitoring of circuits, and can also be used in locations requiring frequent operations.



Digital Low-Voltage Switchgear – ABB Authorized Cabinet (Mdmx)

The Mdmx series low-voltage switchgear offers a variety of structural configurations. Currently, the ST-type low-voltage switchgear is widely used in China's power systems. It is a fully type-tested, modular, multi functional low-voltage switchgear, designed with modular electrical and mechanical principles. By selecting standard components and modules, it meets the requirements for compactness, diversity, and flexibility in cabinet configuration solution.



Metal-clad withdrawable enclosed switchgear KYN28-12

The KYN28-12 type indoor AC metal-clad centrally-mounted switchgear is suitable for three-phase AC power systems with a rated voltage of 12kV and a rated frequency of 50Hz. It is used for receiving and distributing electrical energy, as well as for controlling, protecting, and monitoring circuits. The switchgear can be installed back-to-back, in double-row arrangements, or against a wall, enhancing safety and flexibility while reducing the floor space required.



Low-Voltage Switchgear Assembly – Eaton Authorized Cabinet (xEnergy)

xEnergy is a standard-compliant low-voltage switchgear system that integrates high performance and high reliability. It supports current ratings up to 6300A and has passed mandatory national testing and certification. The complete range of xEnergy switchgear provides comprehensive solutions for a wide array of low-voltage applications, including power systems, data centers, industrial and mining enterprises, petrochemical facilities, commercial buildings, and airports etc.



12kV XDL High-Voltage AC Metal-Enclosed Switchgear – Eaton Authorized Panel

The XDL withdrawable AC metal-enclosed switchgear is a generation of indoor complete power distribution equipment developed and manufactured by the company for three-phase AC systems with a frequency of 50Hz and a rated voltage of 7.2–12kV in a single-bus sectionalized configuration. It is primarily used in power plants, substations, industrial and mining enterprises, and high-rise buildings for receiving and distributing electrical energy. The switchgear also provides functions such as circuit control, protection, and monitoring.



Low-Voltage Withdrawable Switchgear – MNS

The MNS-type low-voltage withdrawable switchgear (hereinafter referred to as the switchgear) is developed by our company based on the MNS series by ABB Switzerland, with further enhancements. It represents one of the most advanced low-voltage withdrawable switchgear systems in China. The system is composed entirely of standardized, modular components, and each drawer is equipped with a reliable mechanical interlocking mechanism, ensuring enhanced safety and reliability during operation.



XGN-12 AC Metal-Enclosed Switchgear

The XGN-12 series AC metal-enclosed ring main unit (RMU) adopts the FLN-12 type SF₆ load break switch as its main switch, with the entire cabinet utilizing air insulation. This compact and expandable metal-enclosed switchgear is well-suited for distribution automation applications. It features a simple structure, flexible operation, reliable interlocking mechanisms, and easy installation. The RMU can be customized to provide tailored technical solutions for various application scenarios, effectively meeting diverse user requirements.



Low-Voltage Switchgear – GCK

Low-voltage switchgear is widely used in power plants, metallurgy and steel rolling, petrochemical industries, light industry and textiles, ports and terminals, commercial buildings, and hotels. It is designed for use in AC three-phase four-wire or five-wire systems with voltages of 380V or 660V, a frequency of 50Hz, and rated currents up to 5000A, serving as equipment for power distribution and centralized motor control.



HXGN15-12 box type fixed AC metal enclosed switchgear

The HXGN15-12 unit-type AC metal-enclosed ring main unit (RMU) is a high-voltage switchgear independently developed using imported technology, designed to meet the needs of rural and urban power grid upgrades in China. It features ABB original components or locally assembled SFL-12/24 switchgear, with optional ABB HAD/US SF₆ switches. The RMU supports both manual and electric operation modes.



Low-Voltage Switchgear Assembly – GGD

The GGD-type AC low-voltage distribution cabinet is designed for applications in power plants, substations, and industrial or mining enterprises, operating at AC 50Hz, 380V, with currents up to 5000A. It enables efficient conversion, distribution, and control of electrical energy for power, lighting, and distribution systems. Featuring high breaking capacity, strong thermal and dynamic stability, flexible configurations, and a modern, modular design with high protection, it is an ideal upgrade to traditional low-voltage switchgear.



A Leading Enterprise in Intelligent Electrical Equipment in China

广东创亚电气集团有限公司
GUANGDONG CONYA ELECTRIC GROUP CO., LTD.

Company Overview

Guangdong Conya Electric Group Co., Ltd., founded in 1988 in Foshan, China, is dedicated to providing one-stop intelligent electrical system solutions for industries such as power, manufacturing, transportation, and infrastructure. With over 30 years of innovation, Conya Group continues to drive the advancement of smart power systems, shaping the digital future of the electrical industry.

Conya Group is a high-tech enterprise integrating R&D, manufacturing, sales, and service of high- and low-voltage switchgear, compact substations, energy storage systems, PV grid cabinets, bus ducts, and transformers. Its products are widely used in power grids, real estate, power plants, hotels, hospitals, and industry, earning strong customer recognition. Conya partners with ABB, Siemens, Schneider, and Eaton, and is an authorized OEM for switchgear and power distribution systems.

Committed to technological innovation and quality excellence, the company follows ISO 9001 standards and continually adopts advanced global technologies to ensure reliable performance.



Conya Group Industrial Park

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Product Overview



Outdoor Enclosed Battery Energy Storage System

Modular Design

Standardized, modular structure with flexible configuration and stackable design for easy expansion and maintenance.

Integrated Design

Combines BMS, PCS, EMS, energy storage, and fire protection in one unit with IP54-rated dust and water resistance. Smart & User-Friendly Supports peak shaving, demand management, and PV-storage control, enabling fast dispatch and unattended operation.



10kV–40.5kV Modular Intelligent Prefabricated Cabin

Offers a fully modular prefabricated substation solution, reducing construction time by 30% and shortening design, installation, and commissioning time by 70%. Built with all-metal enclosures and equipped with intelligent climate control, it performs reliably in high temperature, humidity, and dusty environments. Supports integration with the eCloud energy platform for remote diagnostics, fault analysis, maintenance guidance, and enables unattended operation and lifecycle management. Delivers high reliability and supports fast dispatching and intelligent control.



Intelligent Prefabricated Substation YB-12/0.4 (European-style Compact Substation)

Widely used in urban grid upgrades, residential areas, high-rise buildings, industrial facilities, hotels, malls, airports, railways, oilfields, ports, highways, and temporary power sites, both indoors and outdoors. The intelligent integrated substation complies with all relevant installation, inspection, testing, operation, and maintenance regulations set by power authorities.



Prefabricated Substation ZBM (American-style Compact Substation)

The ZBM series American-style prefabricated substation is developed by integrating advanced foreign technology with local needs. It features a compact size, easy installation and maintenance, low noise, low losses, anti-theft design, strong overload capacity, and comprehensive protection. Ideal for residential developments, green belts, parks, stations, hotels, construction sites, and airports, it supports 10kV ring network, dual power, or terminal power supply systems, and integrates transformation, metering, compensation, control, and protection functions.



High-Voltage Grid-Connection Cabinet

Compact Structure

Adopts an armored design with high mechanical strength and protection. The cabinet is tightly sealed with an IP4X rating, effectively preventing intrusion by debris and small animals.

Comprehensive Anti-Misoperation Measures

The high-voltage grid-connection cabinet features reliable mechanical interlocks to meet "Five Prevention" (五防) requirements, ensuring maximum safety for both operators and equipment.

Flexible Withdrawable Design

The mid-mounted switchgear includes a withdrawable circuit breaker truck (handcart) for easy operation, inspection, and maintenance. Clear position indicators help operators determine the truck's status.



Photovoltaic Grid-Connection Cabinet – CYBWG Series

The photovoltaic grid-connection cabinet serves as a key interface between centralized inverters and step-up transformers, or between AC combiner boxes and transformers. Incoming lines can be connected via circuit breakers or direct input, and outgoing lines via circuit breakers or load break switches. It uses electroplated or purified busbars, features dual-stage surge protection, and supports a rated voltage up to AC690V. Protection levels are IP40 for indoor and IP65 for outdoor applications. Optional functions can be added based on customer requirements. The cabinet is designed with professional electrical layouts and carefully selected components, ensuring a safe, clean, and user-friendly structure for easy wiring and maintenance, while supporting long-term stable operation.



CYCMC37T Compact Busbar Trunking System

The CYCMC37T series aluminum-alloy compact busbar trunking system is a newly developed product by our company, integrating advanced design and technology from international counterparts. This flexible and reliable power distribution system offers high efficiency and easy installation, making it ideal for 660V and below applications. It is widely used in chemical and metallurgical industries, industry-specific customization, as well as public venues such as stadiums, exhibition centers, archives, museums, airports, stations, commercial complexes, and high-rise buildings.



CYCMC37T-NH Fire-Resistant Busbar Trunking System

The fire-resistant busbar trunking system is suitable for power distribution systems with a rated voltage below 690V, current range of 250–5000A, and frequency of 50–60Hz. After years of testing and industrial operation, it has demonstrated excellent electrical performance, fire resistance, and metal structural integrity, meeting advanced domestic standards. All insulation materials used are high-temperature resistant, rated to withstand temperatures above 950°C.



ABB Authorized Control Box / Cabinet – MDrail-E Series

Built on ABB's next-generation design platform, the low-voltage distribution and control system offers a highly safe, functional, and flexible solution, enabling full digitization, industry-specific customization, and conventional functions for reliable and efficient implementation. The system is easily expandable, with standardized components that support quick, cost-effective assembly. It seamlessly meets the demands of smart and conventional low-voltage power distribution and control across various industries.



Enclosed Control Box – XM/JXM Series

The XM/JXM enclosed control box is suitable for 50Hz systems up to 500V, with a load current not exceeding 630A, and supports three-phase three-wire, four-wire, and five-wire systems. It provides distribution control, leakage protection, and motor protection against overload, short circuit, and phase loss. Featuring a compact design, aesthetic appearance, and safe, reliable operation, it is widely used in metallurgy, petrochemicals, healthcare, aviation, residential communities, shopping malls, schools, and urban infrastructure projects.