XJ Group Corporation

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XJ Group Corporation

许继集团有限公司

A Leader in China Power Industry…

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XJ Group Corporation

XJ Group Corporation, held by State Grid Corporation of China (SGCC), is a large electric equipment enterprise with business covering electric power generation, transmission, distribution and utility. XJ is one of the most comprehensive and competitive power equipment manufacturers and solutions providers in domestic market. Currently, XJ Group owns one listed company, two industrial level research institutes, two state level product testing centers, two financial entities and 8 joint venture companies.

XJ Group Corporation has been dedicating to the overseas engineering projects in the fields of thermal power, hydropower, nuclear power, transmission and distribution and power supply, environmental protection, plus municipal and public utilities, including design and consultation, mechanical and electric equipment supply, construction management, construction supervision, installation, test and commissioning service.

Our Business

Green Energy/ Power Generation Field

XJ Group Corporation is capable of providing professional comprehensive solutions for renewable energy interconnection, power plant automation, hydropower automation, water conservancy engineering automation and information, nuclear power control and wind power control as well as 2.0MW double-fed asynchronous wind generating set.

Power System Field

XJ Group Corporation is capable of providing the integrated solutions for the power system covering 10KV-500KV substations, HVDC projects, and transmission lines.

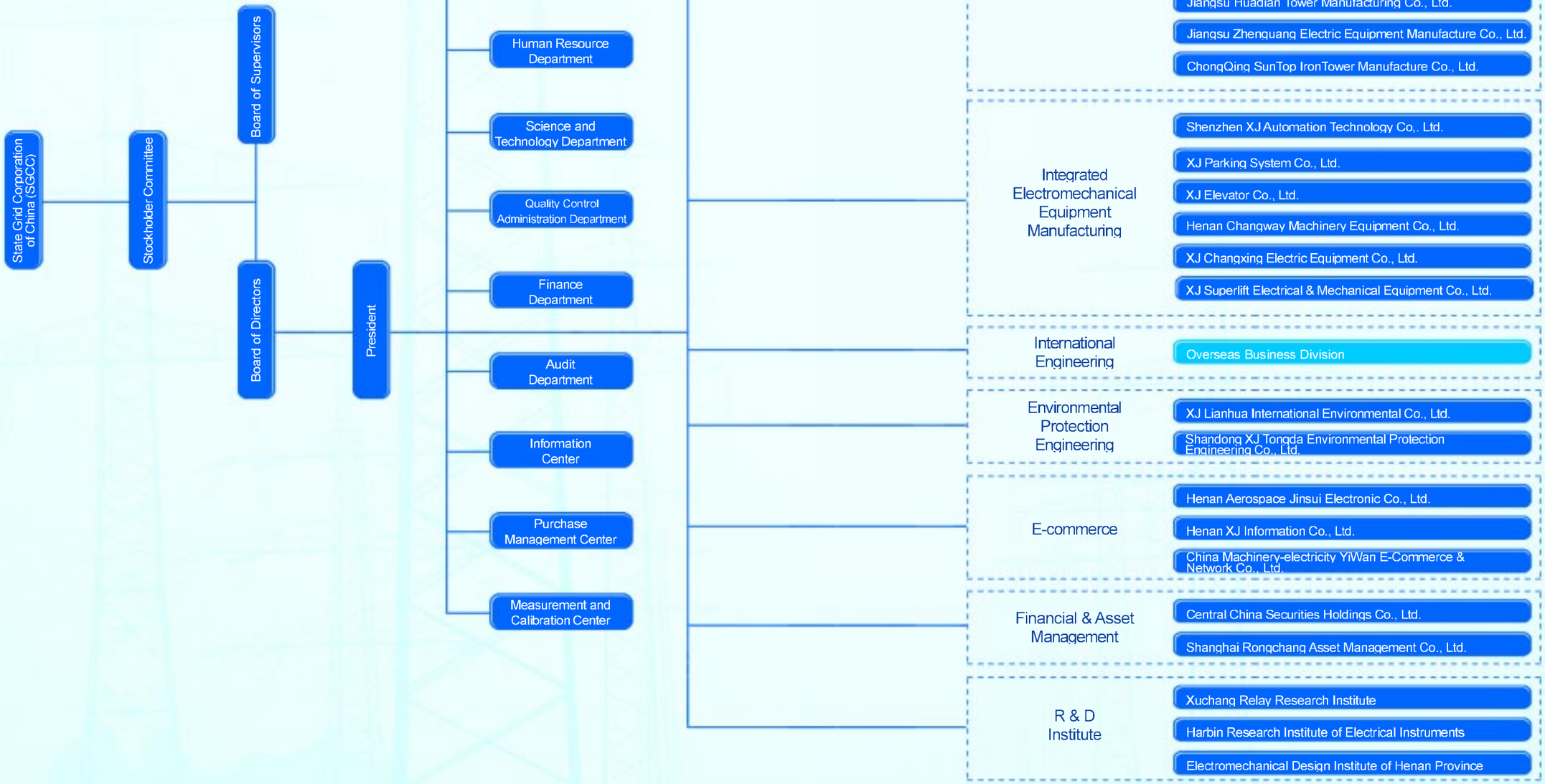
Power Distribution for Industrial Use

XJ Group Corporation is capable of providing complete solutions including electric power supply and distribution equipments in such industrial fields as iron and steel, petroleum, chemical, military and mines, etc.

Overseas Engineering Field

XJ Group offers EPC contracting nationally & internationally in the fields of thermal power, hydro-power, transmission and distribution and power supply, environment, plus municipal and public utilities, including design and consultation, mechanical and electric equipment supply, construction management, construction supervision, installation, test and commissioning service.

Organization Chart



Our Qualifications

China Industrial Award Issued by China Federation of Industrial Economics

China Top Brand

Foreign Trade & Economic Cooperation Qualification Certificate Approved by the Ministry of Commerce of P.R.China (XJ Group)

Import & Export Qualification Certificate Approved by the Ministry of Commerce of P.R.China (XJ Group)

The 100 Biggest Electrical Machinery and Equipment Producing Industries in China Approved by National Bureau of Statistics of P.R. China (XJ Group)

2007 Top 100 Electronic Information Enterprises in China (Rank 36th) Approved by the Ministry of Industry and Information Technology of P.R. China (XJ Group)

OHSMS Certification

ISO14001:2004 Environmental Management System Certification

ISO9001:2000 Quality Management System Certification

Enterprise Credit Evaluation by China Electrical Equipment Industry Association

Certificate of Enterprise Credit Grade by CEEIA

Our Products

Green Energy/ Power Generation Equipments

Primary Equipments

- Automation System of Power Plant
- Automation System of Hydropower Plant
- Water Conservancy Automation and Information
- Nuclear Power Control & Protection System
- Micro-computer-based Generator-Transformer Protection
- Wind Generating Set Control System
- 2.0MW Double-fed Asynchronous Wind Generating Set

HVDC Equipments

±50KV~±1000KV

- HVDC Converter Valve
- HVDC Control and Protection System
- DC Switching Equipment

AC Power Transmission and Distribution Equipments

10KV~500KV

Primary Equipments

- Power Transformers
- Reactors
- Prefabricated Substation
- High Power Electronic Devices
- HV GIS(Gas-insulated Metal-enclosed Switchgear)
- Capacitors
- Dry-type Transformers
- Circuit Breakers
- Disconnectors
- Instrument Transformers
- Pole-mounted RTU
- HV and LV Switchgears
- Cable Tray and Sealed Bus
- Ring Main Unit/Cable Branch Box

10KV~500KV

Secondary Equipments

- Relay Protection and Metering Devices of Main Transformer, Circuit Breakers, Busbar, Transmission Lines, Reactors and Capacitors
- DC Power Supply: High-frequency Switching Power Supply, Inverter Power Supply and Communication Power Supply
- Power Communication Equipment: Power Line Carrier(PLC), Transceiver and Digital Interface for Relay Protection
- Automatic Monitoring System for Substations
- Power Distribution Automation System
- Distribution Terminal Equipment
- Distribution Switchgear

Other Equipments

- Galvanized Steel Tower
- ACSR Conductor(Aluminum Conductors Steel-Reinforced) and Accessories
- Cables
- Electric Power Fittings

Electric Equipment for Railway

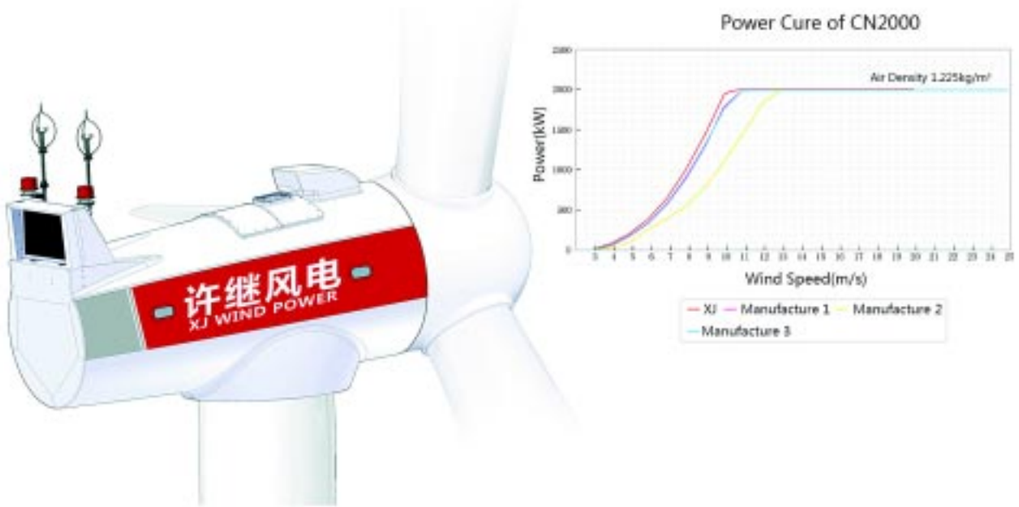
- Power Supply Equipment for Dedicated Passenger Line, Inter-city Railway, Normal/high-speed Railway
- Equipments for Light Rail and Subway
- Traction substation Equipments
- AC Power Distribution Equipment

Electromechanical Products

- Watt-hour Meters
- Automatic Meter Reading System(AMR)
- Water Meter
- Gas Meter
- Car Parking Systems
- Elevators and Escalators
- Garage Doors & Automatic Gate Openers
- Traffic Barriers

2.0MW Wind Turbine

- First grid-friendly wind turbine in China
- First 2.0MW wind turbine in China that truly has the attribute of against low temperature and sand
- First series of wind turbines in China that acquire GI certification and CGC certification
- First fully localized 2.0MW wind turbine with independent Intellectual Property Rights in China
- Have advanced Low voltage ride-through and Over voltage ride-through technology
- Have sophisticated full-power simulation delivery test technology



Control System of the Wind Turbine

Steel Towers and Transmission Lines

Power Transmission Line Steel Tower, Radio and TV Steel Tower, Microwave Communication Steel Tower and ACSR conductors

500KV Transmission Line Tower

220KV Transmission Line Tower

220KV Double-circuit Angle Tower

ACSR conductor(Aluminum Conductors Steel-Reinforced)

110KV Angle Tower

Transformers

35KV~500KV 10KVA~850MVA Power Transformers

- Sufficient margins of main insulation and longitudinal insulation;
- Low loss, high efficiency and no local overheating;
- Compact oil duct structure, no oil-flow electrification;
- Low partial discharge quantity;
- Compact tank structure design and nice appearance;
- Strong anti-short-circuit capability.

500KV Power Transformer

330KV Power Transformer

220KV Three-phase Power Transformer

110KV Oil-immersed Power Transformer

Transformers

6~35KV 50KVA~2500MVA Power Transformers

Voltage range: 6~35KV
Capacity: 50~2500KVA

- High reliability, safe and stable operation;
- Low loss, high economical performance.

S9-35KV/2500KVA Distribution Transformer

S9-M-10KV/2500KVA Energy-saving Seal Transformer

Voltage range: 6~35KV
Capacity: 50~2500KVA

- Free of maintenance ability;
- Flame retardant and good compatibility to various service conditions;
- High overloading ability, strong anti short-circuit current capability;
- Compact design and easy operation;
- Strong insulating ability;
- Energy saving, low loss and low noise.

SCB9-10KV/1600KVA Cast Resin Dry-type Transformer

SGB10-6KV/1000KVA Grade H Environmental Insulation Dry-type Transformer

HV Circuit Breakers

10~500KV SF6 Circuit Breakers

- High breaking capacity.
- Reliable insulation performances.
- Low noise, easy or free of maintenance.
- Easy installation and adjustment.

500KV Single Break SF6
Circuit Breaker

LW36-126 Outdoor Self-energy
HV SF6 Circuit Breaker

LW3-12 12KV Outdoor High-voltage
SF6 Circuit Breaker

HV GIS

60~800KV SF6 Gas Insulated Switchgears

- High insulation level and high flow capacity.
- Excellent breaking performance and reliable mechanical performance.
- Reliable performance and modern design.
- Compact design, light weight and easy erection.
- Low operating noise and small radio interference.

145KV GIS

800KV GIS

HV Circuit Breakers

3~40.5KV Vacuum Circuit Breakers

- High insulation level and breaking capacity.
- Applicable to various working conditions.
- Easy or free of maintenance.
- Long life time.
- High closing ability, compact design.

ZN□-40.5 Indoor High-voltage
Vacuum Circuit Breaker

VEM-12A Indoor High-voltage
Vacuum Circuit Breaker

ZW7-40.5 Outdoor High-voltage
Vacuum Circuit Breaker

ZW8-12 Outdoor High-voltage
Vacuum Circuit Breaker

ZW32-12 Outdoor High-voltage
Vacuum Circuit Breaker

HV Switches

6~500KV Disconnectors and Load Switches

- Stable and reliable operation, small operating forces and long mechanical life.
- Good current conducting capacity.
- Good anti-corrosion performance.
- Compact design.
- Safe and reliable operation.

500KV Disconnector

FZN58-12 Indoor High-voltage
Vacuum Load Switch

FZW20-12 Outdoor AC High-voltage
Vacuum Disconnecting Load Switch

Instrument Transformers

10~500KV Current Transformers and Potential Transformers

- Reliable operation.
- Reliable insulation capacity.
- Free of maintenance.
- High insulation level and anti-moisture capalility.

(1) 220KV SF6 Current Transformer
(2) 110KV Outdoor SF6 Current Transformer
(3) 10KV Indoor Current Transformer
(4) 220KV SF6 Potential Transformer
(5) 110KV Outdoor SF6 Potential Transformer
(6) 10KV Indoor Potential Transformer


(1)


(2)


(3)


(4)


(5)


(6)

Instrument Transformers

35~750KV Capacitor Type Potential Transformers

500KV Capacitor Type Potential Transformer

Capacitor Type Potential Transformer can be used in high voltage power system and EHV power system as voltage and power measurement, relay protection and automatic control and also as coupling capacitor in power line carrier communication system.

Instrument Transformers

Self-adapted Optical Current Transformers

- High precision
- High bandwidth
- High adaptability
- High reliability

Reactors

Parallel and series reactor with various voltage grade and arc-suppression coil with various types.

Shell Type Shunt Reactor

- Higher linear reactance.
- Lower vibration and noise level.
- Easier to prevent the local over-heating.

Air-core Reactor

- Homogeneous current distribution and small eddy current.
- Good heat dissipation performance and strong overloading capability.
- Low loss and noise and high flame-retardant ability.
- No pollution, easy operation and free of maintenance.

Dry Type Iron-core Reactor

- Homogeneous current distribution and small eddy current.
- Good heat dissipation performance and strong overloading capability.
- Low loss and noise and high flame-retardant ability.
- No pollution, easy operation and free of maintenance.
- Small electromagnetic interference and compact design.

Power Capacitors

Various standard protective capacitors for electro thermal, pulse, coupling, series, shunt, filtering and circuit breaker.

Shunt Capacitor

Main Characteristics:

- Capacitor is able to operate for a long period of time under highest value of operating voltage lower than 1.1-fold capacitor rated voltage.
- Capacitor is allowed to operate over a long period time under less than 1.3 times capacitor rated current as a result of rise in voltage and high harmonic stress.

Coupling Capacitor

Main Characteristics:

- The coupling capacitors are mainly used in power frequency line for high frequency carrier communications, measurements, control, and line protection.

Pulse Capacitor

Main Characteristics:

- The pulse capacitor are applicable to high voltage impulse test equipments to meet the needs of the areas such as scientific research, industrial production, high energy technology and national defense.

Wires,Cables and Cable Accessories

Wires, cables and cable accessories with various specifications and voltage grades, AAC, ACSR and AAA

110KV & 220KV XLPE Insulated Power Cables

- High dielectric strength and large insulation resistance.
- Less dielectric coefficient.
- Large power transmission capacity.
- Compact design.

XLPE Insulated Power Cables for Voltages up to 35KV

- High dielectric strength.
- Lower dielectric loss and good anti-aging property.
- Easy erection and compact design.
- No drop is limited provided there is full mechanical tension.

MV Switchgears (10KV~35KV)

KYN61-40.5 AC Armored Metal-enclosed Switchgear

- The entire cabinet is made without welding, with precise dimension, and good rigidity and interchangeability.
- Compact design.
- Highly reliable making or breaking capacity and arc extinction capability.
- Less operation force for convenient operation.
- Safe and reliable operation.

KYN28-12 AC Armored Metal-enclosed Switchgear

- The entire cabinet is made without welding, with precise dimension, and good rigidity and interchangeability.
- Compact design.
- Highly reliable making or breaking capacity and arc extinction capability.
- Less operation force for convenient operation.
- Safe and reliable operation.

XGN2-10 AC Metal-enclosed Switchgear

- Highly reliable making or breaking capacity and arc extinction capability.
- Less operation force for convenient operation.
- Air insulation, no pollution, and no fire and explosion hazard.
- Strong popularity of framing member, flexible configuration.
- Compact design.

LV Switchgears

GGD Low-voltage Fixed Switchgear

- Excellent protective performance, high breaking capability.
- High capability, high breaking capability.
- Strong dynamic stability.
- High popularity of electric scheme.

MNS Low-voltage Draw-out Switchgear

- Compact design.
- Strong popularity of framing member, flexible configuration.
- Adoption of standardized module.
- High technical performance.
- Convenient installation and maintenance.

GCS Low-voltage Draw-out Switchgear

- Safe, economical, reasonable and reliable.
- Highly reliable making or breaking capacity, strong dynamic and thermal stability.
- High popularity of electric scheme, convenient configuration.
- Novel structure, excellent protective performance.
- Convenient installation and maintenance.

GISELA/MINEX Series of SF6 Insulated Ring Unit Switchgears

- Good continuity of operation.
- Unified modularized design, high level of standardization.
- Highly reliable making or breaking capacity and arc extinction capability.
- Compact structure, convenient installation and maintenance.

Comprehensive Automation Systems

CCZ-8000 Thermal Power Plant Automation System

CCZ-8000 system can provide electric integrated automatic function of the whole power plant, and it can be used as the net control system (NCS) of large and medium-size thermal power plant and the plant electrical consumption system (PECS) as well.

- 32bit DSP digital signal processor.
- Multi-layer PCB and SMT technique.
- Support protocols of IEC60870-5-103, IEC60870-5-104, etc.
- Fault analysis function.

CBZ-8000 Substation Automation System

CBZ-8000 system can be applied to 110KV~1000KV substations. The monitoring system has functions of real-time monitoring parameters, providing running status and controlling the running mode of power grid.

- 32bit DSP digital signal processor.
- Multi-layer PCB and SMT technique.
- Support protocols of IEC60870-5-103, IEC60870-5-104, etc.
- Fiber self-healing looped Ethernet.

SJK-8000 Hydropower Station Automation System

SJK-8000 system is applicable for the construction and reconstruction of various kinds of small and medium-sized hydropower stations and computer control system of pumping station and water gate as well.

- 32bit DSP digital signal processor.
- Multi-layer PCB and SMT technique.
- Support protocols of IEC60870-5-103, IEC60870-5-104, etc.
- Fiber self-healing looped Ethernet.

Relay Protection Devices and Panels

6KV~500KV Relays for Thermal Power Plants/Hydropower Stations/Nuclear Power Stations and Substations

WFB-800 Series Generator Protection Relays

WBH-800 Series Transformer Protection Relays

WKB-800 Series Shunt Reactor Protection Relays

WXH-800 Series Line Protection Relays

- Application
  Micro-processor based protection device meets various thermal power plants/hydropower stations/nuclear power stations and substations.
- Function features
  32 bits high-capability DSP processor.
  High compatibility. It supports IEC60870-5-103 communication protocol.

WDLK-860 Series Circuit Breaker Protection Relays

Some Relays & Metering Devices

- WFB-810 Series Generator Protection Relays
- WMH-800 Series Busbar Protection Relays
- FCK-800 Series Measuring & Control Devices
- WYH-880 Series Short-lead Wire Protection Relays
- WBH-820 Series Transformer Protection Relays
- WXH-820 Series Line Protection Relays
- WCB-820 Series AuxiliaryTransformer Protection Relays

WBH-810 SeriesTransformer Protection Relays

WBT-820 Series Standby Power Supply Auto-switching Protection Relays

WDR-820 Series Capacitor Protection Relays

Basic Relays
(including current relay, voltage relay, auxiliary relay,signal relay,differential relay,time relay,over-current relay,etc)

Micro-computer Based Generator-transformer Protection Panels for Three Gorges Right Bank Project

115KV Line Measurment and Control Panel

DC Power Supply Equipments

DC power supply equipments are mainly used for thermal power plants/hydropower stations/nuclear power stations and various substations to supply DC operation power supply.

- PZ61 Intelligent HF Switching DC Power Supply Panels.
- PBD Series Electric Special AC UPS Panels.
- PTD Series Communication Power Supply Panels.
- ZYNB10 Series Active Contra Variant Battery Discharge Equipments.
- WCF10 Series Microprocessor Based Control Transistor Rectifiers.
- KCVA 20 Series Transistor Charging Panels.
- PZ32 Auto Lead-acid Free Maintenance Battery DC Power Supply Panels.

PZ61 HF Switching DC Power Supply Panels

PBD-3 Electric Specical AC UPS Panel

Power Line Carriers (PLC)

ESB2000i Power Line Carrier

ESB2000i is used for HV & MV aerial power line to transfer such signals as dispatching telephone, control, data, telegraph, remote relay and so on.

- Advanced DSP digital signal processor.
- Equipped with maintenance telephone.
- Remote maintenance can be realized by PC.
- Intelligent supervising and alarming system.

ESB900D Power Line Carrier

ESB900D is used for HV & MV aerial power line to transfer such signals as dispatching telephone, control, data, telegraph, remote relay and so on.

- Advanced DSP digital signal processor.
- Single/double channel machine.
- Auto-balance of wire frequency performance.
- Intelligent supervising and alarming system.

HVDC (±500~800KV) Control & Protection Systems and Converters

At the aspect of extra-long distance electric power transmission, regional power grid interconnection and cross-sea electric power transmission, high voltage direct current power transmission technology has unparallel advantages over the alternate current power transmission, which makes it an effective compensation to alternate current power transmission technology.

Converter Valve Module

Guizhou-Guangdong Ⅱ ±500KV HVDC Power Transmission System

Gaoling 750MW ± 125KV HVDC Back to Back Link Project

Guizhou-Guangdong Ⅱ ±500KV HVDC Power Transmission System-Shenzhen Station

Outdoor Prefabricated Substations

10~35KV Outdoor Prefabricated Substations

- Designed to perfectly match with the site environment.
- Compact design.
- High security and reliability in operation.
- Easy maintenance and movable for convenient installation.
- Customized substations are available on various requirements.

YBM-10 10KV Outdoor Prefabricated Substation

Zhusha 35KV Prefabricated Substation, Tongxu County, Henan Province, China

35KV Intelligent Prefabricated Substation, Shaxian County, Fujian Province, China

Power Distribution Products

FDR-4011 Fault Detection Relay

Total maintenance-free product of Toshiba technology, it can realize self-protection function when line fault occurs. When assorting with SRTU, it can communicate with the computer system.

RTU Series Remote Terminal Units

Total maintenance-free RTUs of Toshiba technology, the double line or optical fiber communication can be selected. This kind of RTU can not only be used for measuring and communication, but also can realize self-protection function when line fault occurs.

WPZD-110 Feeder Terminal Unit

Remote Terminal Unit for distribution line, widely used in overhead switch and circuit breaker for SCADA.

WPZD-160/140/120 Distribution Terminal Units

Remote Terminal Unit for distribution line, widely used in ring main unit or substation and closure for SCADA.

WPZD-130 Transform Terminal Unit

Remote Terminal Unit can be used for transformer monitoring in 10KV distribution line, and it can also realize the transformer reactive compensation, electrical metering and electric network parameters analyzing.

VSP5 Pole Mounted Vacuum Switch

Total maintenance-free equipment of Toshiba technology with excellent quality. It is widely used in 10KV overhead distribution line.

ZW32-12 Vacuum Circiut Breaker

Maintenance-free equipment for 10KV distribution line and substation.

ZW20-12 Vacuum Circiut Breaker

Maintenance-free equipment for 10KV distribution line and substation.

Jining Distribution Automation System, Shandong Province

Xinxiang Distribution Automation System, Henan Province

Zhuhai Distribution Automation System, Guangdong Province

Watt-hour Meters

Single-phase and Three-phase Meters

IC Card Prepaid
Watt-hour Meter

The single-phase/three-phase prepaid meter changes the traditional way in electricity consumption market from payment-after-use to payment-before-use. Its application offers the utilities convenience on electricity bill collection, cash flow and data management. It is part of the prepayment system.

- Class of Accuracy: 1.0; 2.0.
- Rated voltage: 220V; 230V; 240V.
- Frequency: 50Hz / 60Hz.

Single-phase Multi-tariff
Watt-hour Meter

Single-phase/Three-phase
Induction Watt-hour Meter

Single-phase/Three-phase
Din-rail Watt-hour Meter

Three-phase Multi
Function Meter

Automatic Meter Reading Systems

Low Voltage Power Line Carrier
Meter-reading System

It is applicable for the electric quantity acquisition for AC220/380V low-voltage user.

- Good man-machine interface, complete tabling function, data storage for a long time.
- Strong data processing ability.
- It can easily be connected with MIS network, tariff accounting system.
- The system has billing system, convenient for billing accounting.

Gas Meters and Water Meters

Water Meter

Prepaid Water Meter

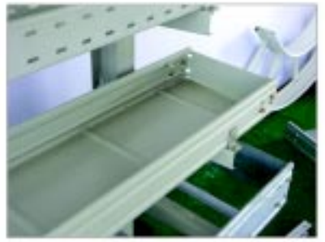
Gas Meter

Prepaid Gas Meter

Cable Trays

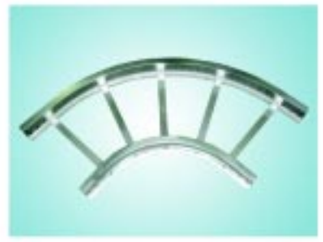
XJQJ cable tray is widely applicable for power plant, communication, enterprise, building, chemical, subway, dock, underground parking lot and underground cable tunnels.

- The weight is much lower.
- Compact design.
- Strong load-bearing.



Trough-type Cable Tray

Disc-type Cable Tray



Ladder-type Cable Tray

South Korea Taegu Subway

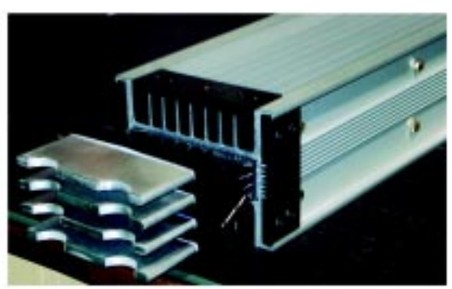
Shaanxi Zhongnan Mountain Highway
Tunnel of Qinling Mountain

Ethiopia Tekeze Hydropower Station

Sealed Buses

- High-strength close structure.
- High short circuit current.
- Perfect overall excellent antisepticise performance.
- Safe insulation.
- Simple installation.
- Special connector.
- Safe grounding system.
- Excellent pre-burning performance.
- Fine materialsafe touch.

Steel-covered Intensive Sealed Buses



Aluminum-alloy Shelled Dense Sealed Buses

Mechanical Car Parking Systems

Your automatic choice to resolve your parking problems

PJSLT 2D Mini Parking System
Two Cars above Ground

PJSYY 2D Mini Parking System
Two Cars above Ground

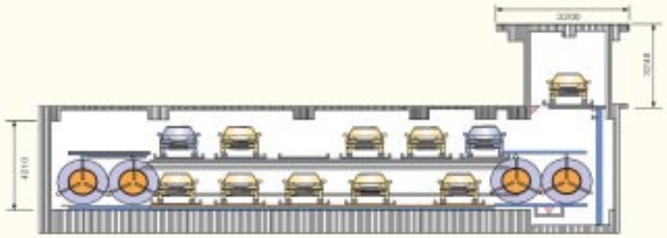
PJS3 Mini Parking System
Three Cars Underground

PJS2 Mini Parking System
Two Cars Underground

PJS Mini Parking Systems are ideal to double existing parking spaces for offices, residential homes, apartments, hotels, public and private parking lots, car collectors and dealers, for indoor and outdoor installations both.

PSH Lift-sliding Parking System

PSH parking system is extremely versatile. It can be as long as you like (no limit) and from 2 to 5 cars high. With one empty space in each level other than the top row, our unique shuttle system allows for any car to be parked /removed without being dependant on moving another car.
Although there is no limit as to how many cars wide used in the system, the option for frequent parking/ removal is 6 cars wide.



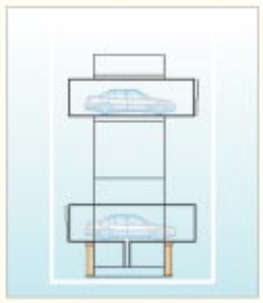
PSX Horizontal Circulating (Cycle) Parking System

Horizontal circulating (cycle) parking systems provide the highest rate of space utilization because they require no aisle way and are designed for various underground applications.

PCX Vertical Circulating (Cycle) Parking System

Vertical circulating (cycle) parking systems provide the smallest foot print-as small as 35 sqm-for up to 40 cars.
A full range of customer interface controls allows variable systems from time paid parking to pre allocated security parking.

PCS Vertical Lifting Mechanical Parking System (Lift Tower)



PQS Car Elevator

PXD Aisle-stack Mechanical Parking System

PPY Plane-moving Parking System

Garage Doors and Automatic Gate Openers

Garage Door Panels, Garage Door Openers and Hardwares

Garage Door Panel
Conventional Type

Garage Door Panels
Pinch Resistant Type which Meet the European Safety Standards

Traffic White #1 | Silk Grey #2 | Cream #3 | Silk Road #4 | Chocolate Brown #5 | Golden Oak #6 | Red Shadow #7

S60 Chain-drive Garage Door Opener

- 120W DC motor.
- C shape galvanized rail or aluminum rail.
- Soft start and stop function.
- Self locking at any travel position in case of power failure.
- Precise travel distance memory.
- Fault self diagnose.
- 433MHz rolling code.

S66 Chain-drive Garage Door Opener

- Heavy duty galvanised C rail.
- Soft start & stop function.
- (ALS) Automatic limit setup.
- (ASP) Automatic sensitivity profiling.
- (ELS) Easy lock system.
- 433.92MHz rolling-code.
- Lifting force: 800N & 1000N.

Hot-galvanizing Hardware

Garage Doors and Automatic Gate Openers

Sliding Gate Openers, Swing Gate Openers, Rolling Door Openers and Barriers

Sliding Gate Opener

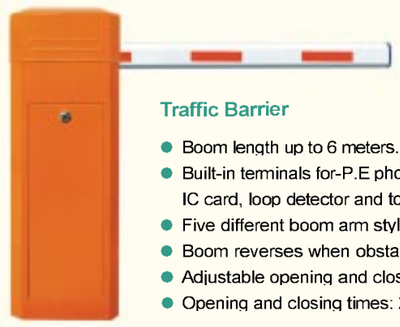
- Magnetic limits (240V/AC 1200kg model only).
- Easy manual release key in case of power failure.
- Stylish and compact design.
- Suitable for light & heavy duty residencial sliding gates.
- Optional P.E photo cell, warning light input terminals.

Swing Gate Opener

- 24V/DC 60W 200kg or 240V/DC 80W 300kg model.
- Control board in IP55 rated control box.
- Advanced safety system-Automatic obstruction detection.
- Manual release key in case of power failure.
- Suitable for light to medium duty domestic swing gates.
- Optional P.E ohoto cell, warning light and battery backup.

Rolling Door Opener

- Super quiet and powerful 24V/DC drive motor.
- Power saving LED courtesy light.
- Manual release mechanism for emergency.
- 433MHz rolling code handset technology.
- One piece design for easy installation.
- Optional photo beam.



Traffic Barrier

- Boom length up to 6 meters.
- Built-in terminals for-P.E photo cell, ticket dispenser, IC card, loop detector and toll gate system.
- Five different boom arm styles.
- Boom reverses when obstacle detected.
- Adjustable opening and closing force.
- Opening and closing times: 2 sec (1-3 meter boom); 6 sec (4-6 meter boom).

Elevators & Escalators

As Siemens's only strategic partner in elevator industry in China,XJ Group offers the whole range of passenger elevator,hydraulic elevator,escalator,etc.

Main Products

- Passenger Elevator
- Goods Elevator
- Bed Elevator
- Observation Elevator
- Hydraulic Elevator
- Escalator and Passenger Conveyor

Siemens Control Cabinet Workshop

Bed Elevator

Escalator and Passenger Conveyor

Passenger Elevator

Observation Elevator

Our Main References

Major International & Domestic EPC Projects

- Turnkey Project of Myanmar Diesel Works, Owner: The Ministry of No.2 Industry, Myanmar (Under construction).

Myanmar Diesel Works Turnkey Project

- Yichun Thermal Power Plant for Supply of 1 Set of Electrical Equipment (Turn-key Project) Under Heilongjiang Songhua River Basin Environmental Improvement Project (P101) (2002).
- Luohe Yinge Paper Group, Henan Province / Paper Production Line (2003).
- Henan Shangqiu New Century Paper Co., Ltd. / Paper Production Line (2003).
- Henan Xuchang Tianjian Thermal Power Co., Ltd. / 2×15MW Thermal Units (2004).
- Henan Pingdingshan Ruiping Coal-fired Power Co., Ltd. / 2×135MW Thermal Units (2004).
- Henan Zhengzhou Longtai Thermal Power Co., Ltd. / 2×50MW Thermal Units (2004).
- Jinan City-kay-chuen Thermal Power Co., Ltd., Shandong Province / 1×15MW Thermal Units (2005).
- Henan Sanmenxia Huineng Thermal Power Co., Ltd. / 2×135MW Thermal Units (2005).
- Shandong Yantai Binhai Thermal Power Co., Ltd. / 2×15MW Thermal Units (2006).
- Henan Jiaozuo Korea Electric Power Co., Ltd. / 2×50MW Thermal Units (2006).
- Heilongjiang Higher Education Project, Package No.3: Harbin Medical University (2008).

Major Projects (Equipment Supply)

1 Domestic Projects

※ Hydropower Projects:

Three Gorges 12×700MW Hydropower Station

Gezhouba 2×175MW and 4×125MW Hydropower Station, Hubei Province

Longyang Gorge 4×320MW Hydropower Station, Qinghai Province

- Xiaolangdi 6×300MW Hydropower Station, Henan Province.
- Dachao Mountain 6×225MW Hydropower Station, Yunnan Province.
- Baishui 3×300MW Hydropower Station, Jilin Province.

※ Nuclear Power Projects:

Qinshan 2×650MW Nuclear Power Station, Zhejiang Province

Daya Bay 2×330MW Nuclear Power Station, Guangdong Province

※ Thermal Power Projects:

- Dabie Mountain 2×600MW Thermal Power Plant, Anhui Province.
- Yuncheng 2×600MW Thermal Power Plant, Shanxi Province.
- Yangluo 2×600MW Thermal Power Plant, Hubei Province.

Huaneng Fuzhou 4×350MW Thermal Power Plant, Fujian Province

Jining 2×135MW Thermal Power Plant, Shandong Province

Changshu 4×300MW Thermal Power Plant, Jiangsu Province

※ Substations:

- Yuncheng City 500KV Substation, Shanxi Province (2003).
- Lianzhong 220KV Substation, Guangdong Province (2004).
- Xianning 110KV Substation, Beijing (2004).
- Lishui Shuhong 35KV Substation, Zhejiang Province (2004).
- Sanming Zengtian 220KV Substation, Fujian Province (2005).
- Nanyang Baihe 500KV Substation, Henan Province (2006).
- Xiangtan City 500KV Substation, Hunan Province (2006).
- Delingha 330KV Substation, Qinghai Province (2006).
- Tieling Xifeng 220KV Substation, Liaoning Province (2006).
- Lanzhou East 750KV Substation, Gansu Province (2007).
- Shiyan City 500KV Substation, Hubei Province (2007).
- Puyang City 500KV Substation, Henan Province (2007).
- Mianshan 220KV Substation, Sichuan Province (2007).
- Luchuan 220KV Substation, Guangxi Province (2007).
- Beitang 110KV Substation, Tianjin (2007).
- Huaihua Xiaping 35KV Substation, Hubei Province (2007).
- Xuchang City 500KV Substation, Henan Province (2008).
- Zhengzhou East 500KV Substation, Henan Province (2008).
- Zhengzhou Yuhang 220KV Substation, Henan Province (2008).
- Anyang Jiangcun 220KV Substation, Henan Province (2008).
- Handan Westlake 110KV Substation, Hubei Province (2008).

Lanzhou East 750KV Substation, Gansu Province

※ Waste Water Treatment Projects:

- Henan Huitong Group Industrial Wastewater Treatment Project, Luohe, with a treating capacity of 6,000 t/d.
- Shineway Industry Group Industrial Wastewater Treatment Project, Luohe, with a treating capacity of 5,600 t/d.
- Xixia Waste Water Treatment Plant, Shandong, with a treating capacity of 20,000 t/d.
- Xi Lang Sewage Treatment Plant, Guangzhou, with a treating capacity of 200,000 t/d.
- Yundong Sewage Treatment Plant, Cangzhou, with a treating capacity of 100,000 t/d.
- Anqiu Sewage Treatment Plant, Shandong, with a treating capacity of 60,000 t/d.
- Xilinhaote Sewage Treatment Plant, Neimenggu, with a treating capacity of 40,000 t/d.

Industrial Wastewater Treatment (5600 t/d) for Luohe Shineway Industry Group

Yundong Sewage Treatment Plant,Cangzhou,with a treating capacity of 100,000 t/d

※ HVDC Projects:

- Guizhou-Guangdong Ⅱ Line ±500KV DC Transmission Project (2005).

Guizhou-Guangdong Ⅱ ±500KV HVDC Power Transmission System-Xingren Station

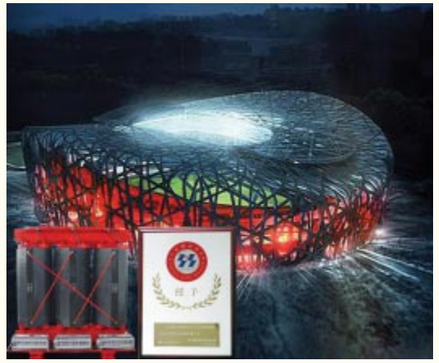
- Gaoling 750MW±125KV HVDC Back to Back Link Project (2006).
- Yunnan-Guangdong ±800KV DC Transmission Project (2007).
- Xiangjiaba-Shanghai ±800KV UHV DC Transmission Demonstration Project (2007).
- Zhoushan DC Reverse Power Flow Reconstruction Project (2007).

Zhoushan DC Transmission Converter Station

- Lingbao Ⅱ BtB HVDC Project (2008).

Lingbao Ⅱ BtB HVDC Power Transmission System

※ Other Projects:



Beijing Olympic State Stadium (Bird Nest) Project (Dry-type Transformer)

Tangshan Thermal Plant Project, Hebei Province (Cable Tray)

Macau-Taipa Bridge (Cable Tray)

Beijing Wangjing A4 Residential Apartment (Car Parking System)

Shanghai Industrial and Commercial Complex (Car Parking System)

2 Oversea Projects

※ Hydropower Projects:

- Tishrin Hydropower Station Project in Syria (1996).
- Tisabay 2×36MW Hydropower Station Project in Ethiopia (1998).
- Kirirom Hydropower Station Project in Cambodia (2001).
- Upper Bhote Koshi Hydropower Station Project in Nepal (2001).
- Kushan Hydropower Station Project in Vietnam (2002).
- Khadori Hydropower Station Project in Georgia (2002).
- Nam Ngam River Hydropower Station Project in Laos (2002).
- Mone Dam Hydropower Station Project in Myanmar (2002).
- Thapanseik Hydropower Station Project in Myanmar (2002).

Mollasadra 2×50MW Dam and Hydropower Station in Iran

Thapanseik Hydropower Station in Myanmar

Control Room of Thapanseik Hydropower Station in Myanmar

- Mollasadra 2×50MW Dam and Hydropower Station Project in Iran (2004).
- Imboulou 4×30MW Hydropower Station Project in Congo (2005).
- Malakand-Ⅲ 3×27MW Hydropower Station Project in Pakistan (2005).
- Teleghan Dam and HPP Project in Iran (2005).
- Khan Khwar Hydropower Station Project in Pakistan (2006).
- Tekeza 4×50MW Hydropower Station Project in Ethiopia (2006).
- Mulungushi 1×10.5MW Hydropower Station #1 Unit Upgrade Project in Zambia (2007).
- Imboulou 4×30MW Hydropower Station Project Phase Ⅱ in Congo (2008).

※ Thermal Power Projects:

- Chittagong 1×210MW Thermal Power Plant Project in Bangladesh (1996).
- Mulla Abdullah Gas Turbine Power Plant Project in Iraq (1999).
- Sahand 2×325MW Steam Power Plant Project in Iran (2002).
- Kuching 2×55MW Coal-fired Power Plant (Phase Ⅱ) Project in Malaysia (2003).
- Biga Thermal Power Plant Project in Turkey (2003).
- Tongi 80MW Coal-fired Power Plant Project in Bangladesh (2003).
- Barapukuria 2×125MW Thermal Power Plant Project in Bangladesh (2003).
- Diren 2×15MW Thermal Power Plant Project in Indonesia (2004).
- Cilacap 2×300MW Thermal Power Plant Project in Indonesia (2004).
- Jinquang 1×30MW Thermal Power Plant Project in Indonesia (2005).
- Tavazon 2×50MW Thermal Power Plant Project in Iran (2005).
- Silopi Thermal Power Plant Project in Turkey (2006).
- Mukah 2×135MW Coal-fired Power Station Project in Malaysia (2006).
- Candiota Ⅱ Phase C (1×350MW) Coal-fired Power Plant Project in Brazil (2007).

Candiota Ⅱ Phase C(1×350MW) Coal-fired Power Plant in Brazil

- TPI PL Waste Heat Recovery 2×18MW Thermal Power Plant Project in Thailand (2007).
- Cam Pha 1×300MW Coal-fired Power Plant Project in Vietnam (2007).
- Hai Phong 2×300MW Thermal Power Plant Project in Vietnam (2007).
- Cam Pha 1×300MW Coal-fired Power Plant Project Phase Ⅱ in Vietnam (2008).
- Biga Thermal Power Plant Project Phase Ⅱ in Turkey (2008).
- Pltu 1 Indramayu 3×330MW Coal-fired Power Plant Project in Indonesia (2008).
- Proyek Pltu 2 Jawa Timur 1×660MW Coal-fired Power Plant Project in Indonesia (2008).
- Chhattisgarh 2×135MW and Orissa Phase-Ⅰ (4×135MW) CFB BTG Unit Project in India (2008).

※ Substations:

- Essar Silk Factory Substation Project in India (1993).
- Five 66/20-66KV Substations Project in the Northern Region of Syrian Arab Republic (2002).
- Mone Dam Hydropower Station 132KV Substation Project in Myanmar (2002).

Mone Dam Hydropower Station 132KV Substation in Myanmar

- NO. SP-0202 Substation Project in Philippines (2002).
- Farok, Khartoum and Ma Substations Project in Sudan (2003).
- Mirpur 132KV Substation Project in Bangladesh (2003).
- No. SP-0309 Substation Project in Philippines (2003).

NO. SP-0309 Substation in Philippines

- Extension of Muzaffargarh-Gatti 500KV Substations Project in Pakistan (2007).
- Saif Substation Project in Pakistan (2008).
- Malabo 66KV Power Distribution Project in Equatorial Guinea (2008).

※ Transmission Lines:

- Tehran Metro Line 1 & 2 Project in Iran (2001).
- Pakse-Khone Pha Pheng 115KV Transmission Line Project in Laos (2004).
- Xeset2 Transmission & Distribution Project in Laos (2006).
- Tehran Metro Line 4 Project in Iran (2007).

Tehran Metro Line 1 & 2 in Iran

Tehran Metro in Iran

DC Power Supply Used in Tehran Metro Project in Iran

- Nothern Extension of Tehran Metro Line 1 Railway Electrification Project in Iran (2007).
- Tehran Metro Line 4 Project Phase Ⅱ in Iran (2008).

※ Other Projects:

- Paper Pulp Factory Project (200 t/d) in Myanmar (Control & Protection Panel and DC Power Supply etc.) (2002).
- Roanda Power Distribution Project in Angola (Outdoor Prefabricated Substation) (2004).
- Roanda Power Distribution Project Phase Ⅱ in Angola (Outdoor Prefabricated Substation) (2006).
- Cnooc Sea Gas Project in Indonesia (LV Switchgear) (2006).