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Mechanical Car Parking Systems



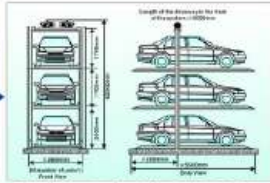
PBLT 2D Mini Parking System (Two Cars above-Ground)



PBEV 2D Mini Parking System (Two Cars above-Ground)



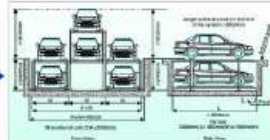
PBLT 3D Dependent Triple Parking Stacker (Chain Type)



PBLT 3D Dependent Triple Parking Stacker (Chain Type)



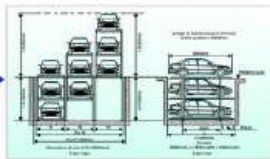
PIS-2 Independent Double Parking Stacker



PIS-2 Independent Double Parking Stacker



PIS-3 Independent Triple Parking Stacker

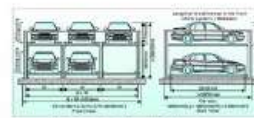


PIS-3 Independent Triple Parking Stacker

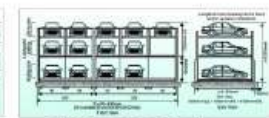


PSH Lift-sliding (Puzzle) Parking System

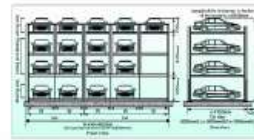
PSH Lift-sliding (Puzzle) Parking System
 PSH parking system is extremely versatile. It can be as long as you like (no limit) and from 2 to 6 cars high. With one empty space in each level other than the top row, our unique shuttle system allows for any car to be parked forward without being dependant 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.



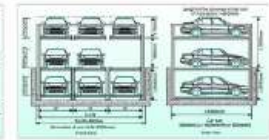
PSH-2 Lift-sliding (Puzzle) Parking System



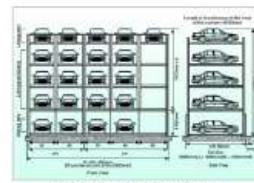
PSH-3 Lift-sliding (Puzzle) Parking System



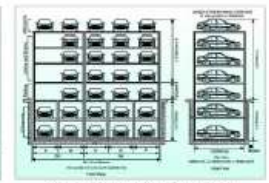
PSH-4 Lift-sliding (Puzzle) Parking System



PSH-5D Lift-sliding (Puzzle) Parking System

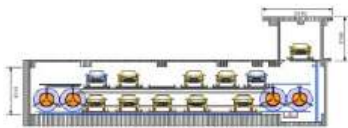


PSH-5 Lift-sliding (Puzzle) Parking System



PSH-6D Lift-sliding (Puzzle) Parking System

Mechanical Car Parking Systems



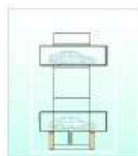
PCX Horizontal Circulating (Cycle) Parking System
 Horizontal circulating (cycle) parking systems provide the highest rate of space utilization because they require no way and are designed for various underground applications.



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 various systems from time paid parking to pre-allocated security parking.



PCS Vertical Lifting Mechanical Parking System (Lift Tower)



PCS Car Elevator



PKD Asie-stack Mechanical Parking System



PPY Plate-moving Parking System

Garage Doors and Automatic Gate Openers



Garage Door Panels, Garage Door Openers and Hardware



Garage Door Panel (Porch/Resistant Type) which Meet the European Safety Standards.



Garage Door Panel (Porch/Resistant Type) which Meet the European Safety Standards.

Optional Colors

The standard colors are White and other 9 colors. Additionally there are other 200 kinds of RAL colors can be supplied specially for you to make your doors matching with your houses. Roommate's please try not to choose metal colors, bright colors and dark colors, because of sunshine, these kind of colors might fade. Usually the color of the internal surface of the panel is white.



- S88 Intelligent Garage Door Opener**
- S88 adopts new galvanized C-type steel rail, belt drive.
 - Check the door open/close quickly automatically, manual adjustment is unnecessary.
 - Check and adapt the running resistance fluctuation automatically even the door is under service for a long time, manual adjustment is unnecessary.
 - Two kinds of rated power option, for different size garage door.
 - One-piece rail is the normal rail, but sectional rail is available to which will save the space in the container when it is shipped.



- S86 Chain-drive Garage Door Opener**
- Heavy duty galvanized C rail.
 - Soft start & stop function.
 - RLS Automatic intersetup.
 - ASP Automatic sensitivity profiling.
 - ELS Easy lock system.
 - 433MHz rolling code.
 - Lifting force 300N & 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 (24VAC 1200g model only)
- Easy manual release key in case of power failure
- Stylish and compact design
- Suitable for light & heavy duty residential sliding gates
- Optional P.E. photocell, warning light input terminals



Swing Gate Opener

- 24VDC 90W/300g or 24VDC 80W/300g 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. photocell, warning light and battery backup



Rolling Door Opener

- Super quiet and powerful 24VDC drive motor
- Power saving LED courtesy light
- Manual release mechanism for emergency
- 433MHz rolling code hand-set technology
- One piece design for easy installation
- Optional photo-beam



Traffic Barrier

- Boom length up to 6 meters
- Built-in transmitter for P.E. photo cell ticket dispenser, IC card, keypad and tollgate system
- Five different boom arm styles
- Boom reverses when obstacle detected
- Adjustable opening and closing force
- Opening and closing times: 2sec (0-3 meter boom), 6 sec (4-6 meter boom)



Elevators & Escalators

As SMEN's only strategic partner in elevator industry in China, XJ Group has acquired the licenses to manufacture passenger elevator, hydraulic elevator, escalator, Passenger elevator.

Main Products

- Passenger Elevator
- Goods Elevator
- Subsoil Elevator
- Signaling Elevator
- Hydraulic Elevator
- Escalator



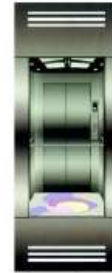
Bed Elevator



Siemens Control Cabinet Workshop



Escalator and Passenger Conveyor



Passenger Elevator



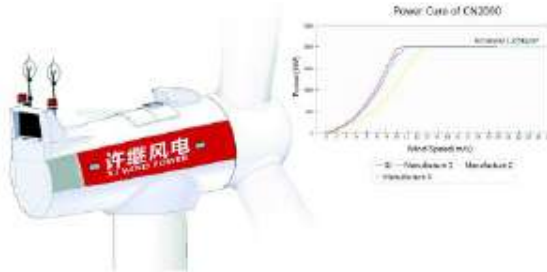
Observation Elevator





2.0MW Wind Turbine

- First of its kind wind turbine in China
- First 2.0MW wind turbine in China that fully has the ability of operating low temperature standard
- First series of wind turbines in China that acquire CE certification and IEC 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, Redwood TV Steel Tower, Microwave Communication Steel Tower and ACSFood tubes



220kV Transmission Line Tower

220kV Transmission Line Tower

220kV Double-lattice Angle Tower



AC25 conductive aluminum conductors steel framework

110kV Angle Tower

Transformers

35kV-60kV 10kVA-650MVA Power Transformers

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



100kV Power Transformer



220kV Power Transformer



220kV Three-phase Power Transformer



110kV Oil-immersed Power Transformer

Transformers

6-35kV 30kVA-2500kVA Power Transformers

- Voltage range: 6-35kV
- Capacity: 30-2500kVA



10/10kV-2500kVA Distribution Transformer



10MVA-2500kVA Energy-saving Transformer

- Voltage range: 6-35kV
- Capacity: 30-2500kVA
- Easy of maintenance ability
- Flame-retardant and compatible with various service conditions



35kV-10kV 1000kVA Gas-filled Dry-type Transformer



35kV-10kV 100kVA Outdoor Environmentally-friendly Dry-type Transformer

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

- High overloading capability, strong short-circuit current capability
- Compact design and easy operation
- Strong insulating ability
- Energy-saving, low loss and low noise





→ HV Circuit Breakers

10-500kV SF6 Circuit Breakers

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



600V SF6 outdoor SF6 Circuit Breaker



120kV SF6 indoor SF6 circuit breaker



120kV SF6 outdoor High-voltage SF6 circuit breaker

→ HV GIS

80-800kV SF6 Gas-insulated Switchgear

- 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



80kV GIS



800kV GIS

→ Instrument Transformers

10-500kV Current Transformers and Potential Transformers

- Reliable operation
- Reliable insulation capacity
- Free of maintenance
- High insulation level and anti-rainage capability

- (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



300kV Capacitor Type Potential Transformer
Capacitor Type Potential Transformer is used in high voltage power system and EHV power system as voltage and power measurement, relay protection and automatic control and also coupling capacitor in power line carrier communication system.

→ Instrument Transformers

Self-adapted Optical Current Transformers



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

→ 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 dynamic stability, compact design



20kV 400A indoor High-voltage Vacuum Circuit Breaker



12kV 630A indoor High-voltage Vacuum Circuit Breaker



20kV 400A outdoor High-voltage Vacuum Circuit Breaker



20kV 1200A indoor High-voltage Vacuum Circuit Breaker



20kV 1200A outdoor High-voltage Vacuum Circuit Breaker

→ HV Switches

6-500kV Disconnectors and Load Switches

- Stable and reliable operation, small operating force and long mechanical life
- Good current carrying property
- Good anti-corrosion performance
- Compact design
- Safe and reliable operation



600kV Disconnecter



12kV 1200A indoor High-voltage Vacuum Disconnecter



12kV 1200A outdoor High-voltage Vacuum Disconnecter



→ Reactors

Parallel and series reactor with various voltage grade and are applicable with various types



- Shunt Reactor
- Higher linear inductance
 - 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 overload 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 overload 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 electrothermal, pulse coupling, series, shunt, filtering and circuit breaker.



Shunt Capacitor

- Main Characteristics**
- Capacitor is able to operate for a long period of time under high voltage of over 1.1 fold capacitor rated voltage
 - Capacitor is allowed to operate over a long period of time under less than 1.3 times capacitor rated current as a result of no 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 especially high voltage module 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 AA.



110KV & 220KV XLPE Insulated Power Cables

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



XLPE Insulated Power Cables for MV lines up to 35KV

- High dielectric strength
- Lower dielectric loss and good anti-leakage property
- Easy erection and compact design
- Noctop 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 welds, with precise dimension, and good rigidity and interchangeability
- Compact design
- Highly reliable making or breaking capacity and arc extinction capability
- Large operation force for convenient operation
- Safe and reliable operation



KYN28-12 AC Armored Metal-enclosed Switchgear

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



KSN2-10 AC Metal-enclosed Switchgear

- Highly reliable making or breaking capacity and arc extinction capability
- Large operation force for convenient operation
- Arc extinction, rapid location and arc flash detection project
- Strong capability of forming member, flexible configuration
- Compact design

LV Switchgears



GGD Low Voltage Fixed Switchgear

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



MNS Low Voltage Draw-out Switchgear

- Compact design
- Strong capability of forming 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 dimensional thermal stability
- High capability of electric schemes, convenient configuration
- Novel structure, excellent protective performance
- Convenient installation and maintenance



GSE/LM/MDX Series of SF6 Insulated Ring Unit Switchgears

- Good continuity of operation
- Unified modular 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 real control system (NCS) of large and medium sized thermal power plant and the plant electrical consumption system (ETCS) as well.
- 32bit DSP digital signal processor
 - Multi-layer PC bus and SVF technique
 - Support protocols of IEC 60870-5-103, IEC 60870-5-104, etc.
 - Fault analysis function



CCZ-8000 Substation Automation System

- CCZ-8000 system can be applied to 110KV-1000KV substations. The monitoring system has functions of real time monitoring, prewarning, providing running status and controlling the unimodal of power grid.
- 32bit DSP digital signal processor
 - Multi-layer PC bus and SVF technique
 - Support protocols of IEC 60870-5-103, IEC 60870-5-104, etc.
 - Fiber self-healing based Ethernet



SLK-8000 Hydropower Station Automation System

- SLK-8000 system is applicable for the construction and operation of various kinds of small and medium sized hydropower stations and computer control system of pumps station and water gate as well.
- 32bit DSP digital signal processor
 - Multi-layer PC bus and SVF technique
 - Support protocols of IEC 60870-5-103, IEC 60870-5-104, etc.
 - Fiber self-healing based Ethernet



Relay Protection Devices and Panels

DC-500KV Relays for Thermal Power Plant/Hydro-power Stations/Nuclear Power Stations and Substations



WPS600 Series Generator Protection Relay



WPS1000 Series Transformer Protection Relay



WPS600 Series Busbar Protection Relay



WPS1000 Series Line Protection Relay

Application

Micro processor based protection devices used in thermal power plant/hydro-power stations/nuclear power stations and substations.

Function Features

- 32bits high capacity DSP processor
- High compatibility, it supports IEC60370-5-100 communication protocol.



WDS1000 Series Circuit Breaker Protection Relay

Some Relays & Metering Devices

- WPS1010 Series Generator Protection Relays
- WPS1000 Series Transformer Protection Relays
- WPS600 Series Busbar Protection Relays
- WPS1000 Series Line Protection Relays
- WPS600 Series Generator Protection Relays
- WPS1000 Series Transformer Protection Relays
- WPS600 Series Busbar Protection Relays
- WDS1000 Series Circuit Breaker Protection Relays



WPS1010 Series Generator Protection Relays



WPS1000 Series Transformer Protection Relays



WPS600 Series Busbar Protection Relays



WPS1010 Series Generator Protection Relays



WPS1000 Series Transformer Protection Relays



WPS600 Series Busbar Protection Relays

Generator relays, transformer relays, busbar relays, line relays, circuit breaker relays, motor relays, etc.



Micro-processor based protection relays and metering devices for three-phase power



High-voltage busbar protection and control panel



DC Power Supply Equipments

DC power supply equipments are mainly used for thermal power plant/hydro-power stations/nuclear power stations and various substations to supply DC operation power supply.

- PSD Intelligent HF Switching DC Power Supply Panels
- PSD Series Electric Special AC UPS Panels
- PSD Series Communication Power Supply Panels
- PSD Series Active Carbon Filter Relay/Control Equipments
- PSD Series Micro-processor Based Control Transformer Rectifiers
- PSD Series Transformer Charging Panels
- PSD Active Load and Fly Wheel and Battery DC Power Supply Panels



PSD HF Switching DC Power Supply Panels



PSD Series Electric Special AC UPS Panel

Power Line Carriers (PLC)



ES5000 Power Line Carrier

ES5000 is used for M & MV level power line to create and maintain a lightning protection system. Its design is more advanced on:

- Advanced DSP digital signal processor
- Equipped with microcontroller
- Flexibility in installation and maintenance
- Highly rugged and lightning system



ES5000 Power Line Carrier

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- Equipped with microcontroller
- Flexibility in installation and maintenance
- Highly rugged and lightning system

HVDC ($\pm 500-800$ KV) Control & Protection Systems and Converters

All the aspect of the long distance electric power transmission, special power grid interconnection and cross sea electric power transmission, high voltage direct current power transmission technology has unique advantages over the alternate current power transmission, which makes it an effective complement to alternate current power transmission technology.



Converter Valve Hall



Dushou Converter Station 1 200KV HVDC Power Transmission System



Dushou Converter Station 2 200KV HVDC Back-to-Back Link Power



Dushou Converter Station 3 200KV HVDC Power Transmission System



Outdoor Prefabricated Substations

10-35KV Outdoor Prefabricated Substations

- Designed to perfectly match with the surrounding.
- Compact design.
- High security and reliability in operation.
- Easy maintenance and readable for convenient relocation.
- Customized substations are available on various equipment.



10KV-35KV Outdoor Prefabricated Substation



25kV Outdoor Prefabricated Substation
Shanghai County, Henan Province, China



35KV Outdoor Prefabricated Substation
Shanghai County, Henan Province, China

Power Distribution Products



FTU (Feeder Terminal Unit)

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



FTU (Feeder Terminal Unit)

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



WPSD-1000 Series Terminal Unit

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



WPSD-1000 Series Distribution Terminal Unit

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



WPSD-1000 Series Terminal Unit

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



WPSD-1000 Series Terminal Unit

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



WPSD-1000 Series Terminal Unit

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



WPSD-1000 Series Terminal Unit

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



Jiang Chong Power Automation System
Shanghai Province



Xiangyang Power Automation System
Henan Province



Zhongyuan Power Automation System
Guangdong Province

Watt-hour Meters

Single phase and Three phase Meters



CGW Prepaid Watt-hour Meter

The single phase three phase prepaid meter changes the traditional way in electricity consumption meter for payment after use to payment before use. Its application offers the utility consumption electricity bill collection, cash flow and disbursement. It is part of the prepayment system.

- Class Accuracy: 1.0, 2.0
- Rated Voltage: 220V, 230V, 240V
- Frequency: 50 or 60Hz



Single phase M4 unit Watt-hour Meter



Single phase Three phase Inductor Watt-hour Meter



Single phase Three phase Direct Watt-hour Meter



Three phase M4 Precision Meter

Automatic Meter Reading Systems



Low Voltage Power Line Carrier Meter Reading System

It is applicable for the electricity quantity acquisition for AC220V/380V low voltage user.

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

Gas Meters and Water Meters



Water Meter



Precise Water Meter



Gas Meter



Precise Gas Meter

Cable Trays

LCJ cable tray is widely applicable for power plant, communication, enterprises, buildings, chemical, subway, data, underground parking lot and underground cable tunnels.

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



Three-layer Cable Tray



Double-layer Cable Tray



Ladder-type Cable Tray



South Korea Subway



Shanyi Zhongyuan Tunnel of Great Mountain



Shenyang Zhongyuan Tunnel of Great Mountain

Sealed Buses

- High-strength case structure.
- High short-circuit current.
- Perfect overall excellent anti-explosion performance.
- Safe insulation.
- Simple installation.

- Special connector.
- Self-grounding system.
- Excellent performance.
- If no meter exists, flush.



Sealed Bus



Aluminum Alloy Sealed Direct-Connected Bus



Our Main References

➔ Major International & Domestic EPC Projects

✦ Turkey Project of Warner Diesel Works, Owner: The Ministry of No.2 Industry, Ministry



Warner Diesel Works Turkey Project

- ✦ Yohun Thermal Power Plant for Supply of 1 Set of Electrical Equipment (Turn-key Project) Under Indonesian-Sumatra River Basin Environmental Improvement Project (PT03, 2003)
- ✦ Luzhu Yang Paper Group Hainan Power/Paper Production Line (2003)
- ✦ Hainan Shenzou New Century Paper Co., Ltd. Paper Production Line (2003)
- ✦ Hainan Xuhang Tianjin Thermal Power Co., Ltd. (2*19MW Thermal Units) (2004)
- ✦ Hainan Pingtingshan Ruijing Coal-fired Power Co., Ltd. (2*130MW Thermal Units) (2004)
- ✦ Hainan Zhonghai/Landa Thermal Power Co., Ltd. (2*50MW Thermal Units) (2004)
- ✦ Jilin City Haidun Thermal Power Co., Ltd., Shandong Province / (1*130MW Thermal Units) (2003)
- ✦ Hainan Sanyuanhe Hainan Thermal Power Co., Ltd. (2*130MW Thermal Units) (2003)
- ✦ Shandong Yantai Shihai Thermal Power Co., Ltd. (2*19MW Thermal Units) (2003)
- ✦ Hainan Jiaozuo Kowal Thermal Power Co., Ltd. (2*50MW Thermal Units) (2003)
- ✦ Heilongjiang Higher Education Project, Package No.3 Heilong Medical University (2003)

➔ Major Projects (Equipment Supply)

1 Domestic Projects

✦ Hydropower Projects:



Wuyang 120MW Hydropower Station



Wufoshan 170MW and 60MW Hydropower Stations Hubei Province



Longpan 600MW Hydropower Station Gansu Province

- ✦ Xiaolan 500MW Hydropower Station, Hainan Province
- ✦ Daxing Mountain 625MW Hydropower Station, Yunnan Province
- ✦ Beishu 3*300MW Hydropower Station, Jilin Province

✦ Nuclear Power Projects:



Qinshan 2 440MW Nuclear Power Station Zhejiang Province



Daxi 2 300MW Nuclear Power Station Guangdong Province

✦ Thermal Power Projects:

- ✦ Debin Mountain 2400MW Thermal Power Plant, Anhui Province
- ✦ Yunmeng 2400MW Thermal Power Plant, Shandong Province
- ✦ Yungui 2400MW Thermal Power Plant, Hubei Province



Hainan Hainan 4200MW Thermal Power Plant Hainan Province



Jiangxi 1300MW Thermal Power Plant, Shandong Province



Changshu 300MW Thermal Power Plant, Jiangsu Province

✦ Substations:

- ✦ Yunmeng City 220KV Substation, Shandong Province (2003)
- ✦ Lushan 220KV Substation, Guangdong Province (2006)
- ✦ Xianxia 110KV Substation, Beijing (2004)
- ✦ Lihu Shuhong 330KV Substation, Zhejiang Province (2004)
- ✦ Sanyuan Zhenbin 220KV Substation, Fujian Province (2003)
- ✦ Nanjing Shihai 60KV Substation, Hainan Province (2003)
- ✦ Xianxia City 330KV Substation, Hainan Province (2003)
- ✦ Debin 330KV Substation, Anhui Province (2003)
- ✦ Fuying Xifeng 220KV Substation, Liaoning Province (2003)
- ✦ Lushan 750KV Substation, Gansu Province (2007)
- ✦ Sheng City 500KV Substation, Hubei Province (2007)
- ✦ Fuying City 500KV Substation, Hainan Province (2007)
- ✦ Minsheng 220KV Substation, Sichuan Province (2007)
- ✦ Lushan 220KV Substation, Gansu Province (2007)
- ✦ Beijing 110KV Substation, Tianjin (2007)
- ✦ Hubei Xiangzi 220KV Substation, Hubei Province (2007)
- ✦ Xucheng City 220KV Substation, Henan Province (2003)
- ✦ Zhengzhou East 500KV Substation, Henan Province (2006)
- ✦ Zhengzhou Shuang 220KV Substation, Henan Province (2003)
- ✦ Anyang Jiansun 220KV Substation, Henan Province (2003)
- ✦ Hainan Wailake 110KV Substation, Hubei Province (2003)



Lushan 750KV Substation, Gansu Province

✦ Waste Water Treatment Projects:

- ✦ Hainan Kubang Group Industrial Wastewater Treatment Project, Lucha, with a treating capacity of 6,000 M3
- ✦ Shenyang Industry Group Industrial Wastewater Treatment Project, Lucha, with a treating capacity of 50,000 M3
- ✦ Xuyi Waste Water Treatment Plant, Shandong, with a treating capacity of 30,000 M3
- ✦ Xu Lina Sewage Treatment Plant, Guangzhou, with a treating capacity of 200,000 M3
- ✦ Yundong Sewage Treatment Plant, Chengde, with a treating capacity of 100,000 M3
- ✦ Anqiu Sewage Treatment Plant, Shandong, with a treating capacity of 60,000 M3
- ✦ Xichang Sewage Treatment Plant, Ningxia, with a treating capacity of 40,000 M3



Industrial Wastewater Treatment (6000 m3/d) in Lucha Shenyang Industry Group



Yundong Sewage Treatment Plant, Chengde (with a treating capacity of 100,000 M3)



✦ HVDC Projects:

- ✦ Guihou-Guizhou 1 Line (500KV DC Transmission Project) (2003)



Guihou-Guizhou 1 (500KV DC Power Transmission System) Guizhou Province

- ✦ Gadi 700MW/120KV HVDC Back-to-Back Link Project (2003)
- ✦ Yunnan-Guizhou 1800KV DC Transmission Project (2007)
- ✦ Xiangjia-Shendao 1800KV UHVDC Transmission Demonstration Project (2007)
- ✦ Zhoushan DC Reverse Power Flow Redistribution Project (2007)



Zhoushan DC Transmission Converter Station

- ✦ Linbao 1 180V-AC Project (2003)



Linbao 1 180V-AC Power Transmission System





Other Projects



Shahin Chirchi Super Shopping Mall Phase II (Y. Uzer Turkmenistan)



Shahin Thermal Plant Phase II (Y. Uzer Turkmenistan)



Moscow Suspension Cable Tower



Shahin Shopping Mall Phase II Apartment Car Parking System



Shahin Shopping Mall Commercial Complex Car Parking System



Gardabai Phase II 1200MW Coal-fired Power Plant (India)

Thermal Power Projects

- Chittagong 1420MW Thermal Power Plant Project in Bangladesh (1999)
- Mulla Abdul Ghani Gas Turbine Power Plant Project in Iran (1999)
- Selandar 2400MW Steam Power Plant Project in Iran (2002)
- Kufriya 2400MW Coal-fired Power Plant (Phase II) Project in Myanmar (2003)
- Sığirci Thermal Power Plant Project in Turkey (2003)
- Tuncel 800MW Coal-fired Power Plant Project in Bangladesh (2003)
- Bengapura 2400MW Thermal Power Plant Project in Bangladesh (2003)
- Davao 2400MW Thermal Power Plant Project in Indonesia (2004)
- Cilacap 2400MW Thermal Power Plant Project in Indonesia (2004)
- Jinqing 1400MW Thermal Power Plant Project in Iran (2004)
- Taweeon 2400MW Thermal Power Plant Project in Iran (2005)
- Sığirci Thermal Power Plant Project in Turkey (2005)
- Muehli 2400MW Coal-fired Power Plant Project in Myanmar (2005)
- Candide Phase C (1400MW) Coal-fired Power Plant Project in Iran (2007)
- TFFIL Westfield Highway 2400MW Thermal Power Plant Project in Thailand (2007)
- Cami Phase 1 4000MW Coal-fired Power Plant Project in Vietnam (2007)
- Hai Phong 2400MW Thermal Power Plant Project in Vietnam (2007)
- Cami Phase 2 4000MW Coal-fired Power Plant Project in Vietnam (2007)
- Sığirci Thermal Power Plant Project Phase II in Turkey (2008)
- Pulu 1 Indonesia 4000MW Coal-fired Power Plant Project in Indonesia (2008)
- Poyok 1 & 2 Jawa Timur 14000MW Coal-fired Power Plant Project in Indonesia (2008)
- Chhatrapati 2400MW and Orissa Phase I (4000MW) CFBSTG Unit Project in India (2008)

Substations

- Esser Silk Factory Substation Project in India (1999)
- Five 6540 0.9MVA Substations Project in the Northern Region of Syrian Arab Republic (2002)
- Mawla Dam Hydropower Station 132kV Substation Project in Myanmar (2002)

2 Oversea Projects

Hydropower Projects

- Talmi Hydropower Station Project in Syria (1996)
- Tashay 2400MW Hydropower Station Project in Ethiopia (1998)
- Krinon Hydropower Station Project in Cambodia (2001)
- Upper Phob Koshi Hydropower Station Project in Nepal (2001)
- Kakhin Hydropower Station Project in Vietnam (2002)
- Phedon Hydropower Station Project in Georgia (2002)
- Nam Nam River Hydropower Station Project in Laos (2002)
- Mawla Dam Hydropower Station Project in Myanmar (2002)
- Thapaneik Hydropower Station Project in Myanmar (2002)
- Mawla Dam 2400MW Dam and Hydropower Station Project in Iran (2006)
- Imbabu 4000MW Hydropower Station Project in Congo (2008)
- Mawla Dam 11300MW Hydropower Station Project in Pakistan (2008)
- Taweeon Dam and HPP Project in Iran (2008)
- Mawla Dam Hydropower Station Project in Pakistan (2008)
- Talmi 4000MW Hydropower Station Project in Ethiopia (2008)
- Mawla Dam 14000MW Hydropower Station Unit Upgrade Project in Zambia (2008)
- Imbabu 4000MW Hydropower Station Project Phase II in Congo (2008)



Mawla Dam 11300MW Dam and Hydropower Station (Iran)



- NG 50000V Substation Project in Philippines (2003)
- Parak Khabun and Ma Substation Project in Sudan (2003)
- Mawla 132kV Substation Project in Bangladesh (2003)
- NG 50000V Substation Project in Philippines (2003)



NG 50000V Substation in Philippines

- Extension of Mawla Ferganah GCB 500kV Substation Project in Pakistan (2007)
- Sığirci Substation Project in Pakistan (2008)
- Mawla 600kV Power Distribution Project in Equatorial Guinea (2008)

Transmission Lines

- Sheng Metro Line 1 & 2 Project in Iran (2001)
- Poyok (2 line) Phob Phing 115kV Transmission Line Project in Laos (2004)
- Davao Transmission & Distribution Project in Laos (2005)
- Sheng Metro Line 4 Project in Iran (2007)



Sheng Metro Line 1 & 2 in Iran



Sheng Metro in Iran



DC Power Supply Used in Sheng Metro Project in Iran

- Northern Extension of Sheng Metro Line 1 Railway Distribution Project in Iran (2007)
- Sheng Metro Line 4 Project Phase II in Iran (2008)

Other Projects

- Poyok Pulp Factory Project (200 MS) in Myanmar (Control & Protection, Fire and DC Power Supply etc.) (2008)
- Davao Power Distribution Project in Ampang (Outdoor Prefabricated Substation) (2004)
- Davao Power Distribution Project Phase II in Ampang (Outdoor Prefabricated Substation) (2005)
- Cooactive Gas Project in Indonesia (TV Switchgear) (2008)