



JCON Electrical

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Company Profile

Company Profile

HV/LV Switchgear Assemblies | Licensed Panels | Compact Substations | Overseas Project Support

2026

Manufacturing strength for global power projects

Key Assessment

Overseas customers care less about document volume than whether a supplier has stable manufacturing, compliant documentation, project experience and a clear communication window.

Manufacturing Base

The Mianyang base is in operation, while the Xinjiang second base is under preparation, forming a two-base manufacturing layout in China.

Authorization

Licensed Schneider Electric, Siemens and Changshu Switchgear products and technology transfer capability support high-standard project requirements.

Certification Compliance

ISO systems, CQC product certifications, type test reports, IEC supporting documents, patents and credit honors.

Overseas Coordination

The Hong Kong company provides a single window for overseas business and project communication, reducing cross-border coordination costs.

Project Experience

Experience supplying Southeast Asian hydropower and high-standard domestic projects supports both EPC and owner-side requirements.

Contents

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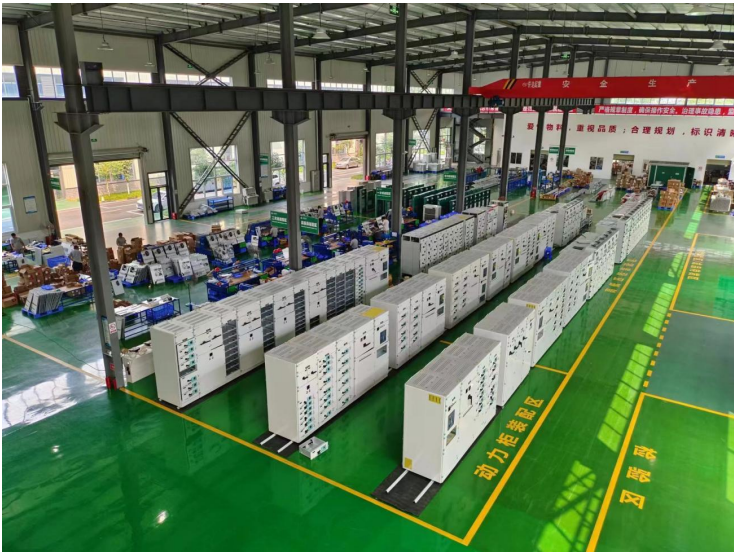


Company Profile

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JCON Electrical is a manufacturer and service provider of complete electrical equipment for domestic and overseas engineering projects, focusing on HV/LV switchgear, licensed panels, compact substations, distribution cabinets and automation control systems. With the Mianyang base as its core and a second base under preparation in Xinjiang, the company coordinates project communication, technical solutions, production delivery and overseas service through its domestic marketing center and Hong Kong overseas development platform.

Core Capabilities	Brand authorization, CQC, type tests, ISO systems and delivery capability work together.
Overseas Positioning	Complete solutions for overseas owners, EPCs, MEP contractors and power distribution projects.
Delivery Logic	Reduces cross-border delivery risk through technical documents, quality control, production organization and after-sales response.



Mianyang Manufacturing Workshop

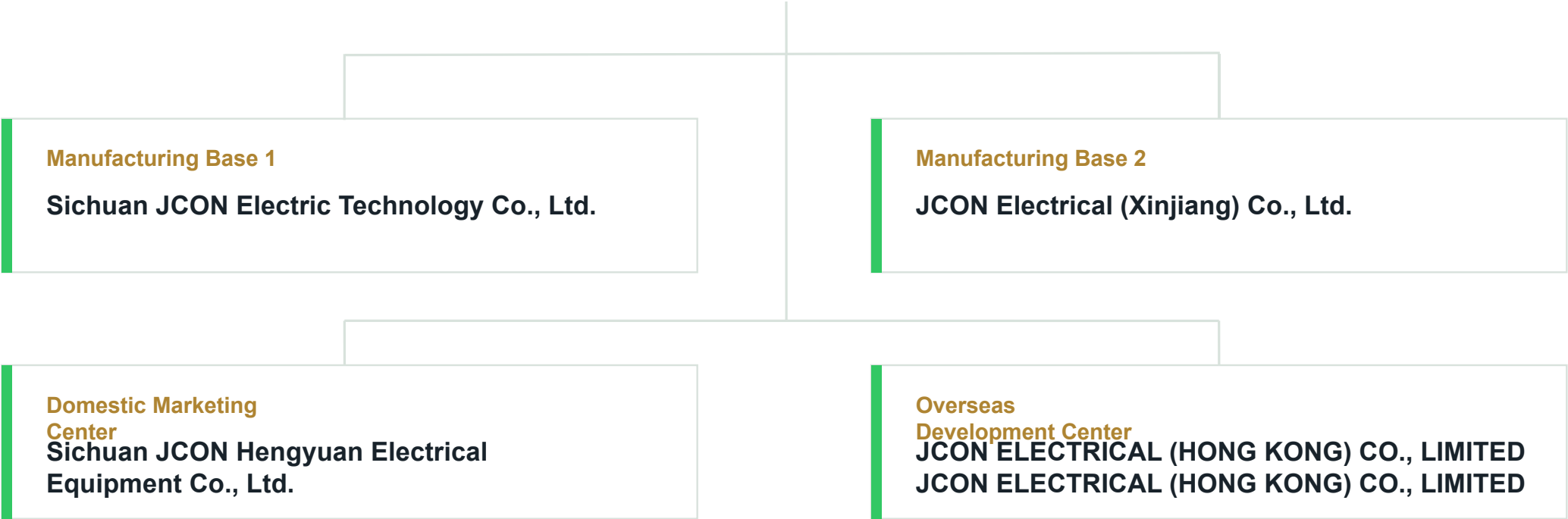
10,000 sqm Mfg. Space	4 Production Lines	RMB 30M+ Equipment Invest.	1-3 weeks Prod. Cycle
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Organization

Organization Structure



JCON Electrical



Entity Roles

Clarifies which platform supports contract, communication, production and delivery.

JCON Electric Technology Co., Ltd.

Core manufacturing entity for R&D design, sheet-metal processing, electrical assembly, inspection, testing and delivery.

Sichuan JCON Hengyuan Electrical Equipment Co., Ltd.

Domestic and foreign trade sales company for overseas customer development, business support, order coordination and project follow-up.

JCON Electrical (Xinjiang) Co., Ltd.

Second domestic production base in Qingshuihe Supporting Park, Horgos Economic Development Zone, being prepared for Xinjiang and Central Asia markets.

JCON ELECTRICAL (HONG KONG) CO., LIMITED

Overseas business window for foreign customers, contractors and partners, providing unified business communication and cross-border coordination.

Manufacturing Base 1 | Mianyang

Mianyang Manufacturing Base

Building 3, Hengyue Intelligent Manufacturing Industrial Park, Anzhou District, Mianyang, Sichuan



Mianyang Base Exterior

Self-Owned Plant

Integrated space for sheet metal processing, assembly, inspection and warehousing.

Complete Manufacturing Capability

Covers MV/LV switchgear, compact substations, distribution cabinets and automation control panels.

Standardized Management

Production areas, warehouses and processes follow 6S and quality system requirements.

Manufacturing Base 2 | Xinjiang

Xinjiang Production Base

Qingshuihe Supporting Park, Horgos Economic Development Zone, Ili Kazakh Autonomous Prefecture, Xinjiang



Xinjiang Base Planning Model

Under Preparation in 2026

As the second domestic production base, it serves western China, port-area projects and nearby overseas demand.

For Central Asia & Overseas Markets

Coordinates with the Hong Kong overseas development center to improve cross-border communication, delivery and response.

Capacity Layout Extension

Extends Mianyang manufacturing capability into a production and service node closer to overseas project channels.

Strength in Numbers

Engineering order delivery is supported by production scale, equipment investment, team structure and management systems.

RMB 60M Registered Capital	2 Domestic Production Bases	10,000 sqm Self-Owned Mianyang Plant	RMB 100M+ Annual Output Scale
4 Standardized Lines	100+ sets Production & Test Equipment	RMB 30M+ Equipment Invest.	70+ Professional Team
50+ Technical & Service Staff	PLM/ERP Digital Management	6S Site Management	7x24 Service Response

Market Positioning & Applications

Focused on high-reliability power supply scenarios for high-standard domestic projects and overseas infrastructure.

Overseas Markets

Southeast Asian hydropower, energy and power, industrial parks, infrastructure, EPC packages, Xinjiang and Central Asia projects.

Domestic Markets

Defense research, hospitals and healthcare, education and culture, intelligent manufacturing, transport infrastructure, energy, municipal works and commercial complexes.

Customer Value

Reduces customer project risk through licensed panels, complete certifications, manufacturing delivery, documentation support and after-sales service.

JCON Electrical extends product manufacturing upstream into solution development and downstream into installation, commissioning, document delivery and operating support.

PART 02

Products

Portfolio | Licensed Panels | MV Series | LV Series | Automation |
Application Value

Product Portfolio

Covers power distribution needs from the MV side to the LV side, from main switchgear to terminal cabinets, and from power distribution to automation control.

Licensed Panel Series

Schneider Electric MVnex, BlokSeT and Prisma E; Siemens SIVACON 8PT and SIBOARD; Changshu Switchgear CGZ1 6.0.

MV Series

35kV KYN61-40.5, 24kV KYN28-24, 10kV KYN28-12, HXGN-12 ring main units and 10kV/0.4kV compact substations.

LV Series

GCS, GGD, GGJ, active filter cabinets, ATS dual-power cabinets, XL power cabinets, JP integrated distribution boxes, centralized meter boxes and temporary distribution cabinets.

Automation Control Series

Fire pump control and inspection cabinets, fan/pump control boxes, PLC automation cabinets, VFD cabinets, soft-start cabinets and EPS/UPS power cabinets.

Licensed Panel Series

Licensed panels follow brand technical specifications and suit projects requiring higher power stability and project image.



Authorization Value

Authorization systems usually cover cabinet structure, manufacturing process, component selection, inspection workflow and after-sales support. For overseas projects, licensed products improve technical credibility and O&M assurance.

Schneider Electric Licensed Products

Covers MVnex medium-voltage licensed panels, BlokSeT low-voltage licensed panels and Prisma E standardized LV distribution panels.



Applications

High-reliability power scenarios including hospitals, defense, energy, industrial manufacturing, public buildings and overseas EPC projects.

Delivery Focus

Supports customer technical review with standardized panel types, controlled manufacturing processes, complete technical documents and strict factory inspection.

Siemens Licensed Products

Covers SIVACON 8PT low-voltage licensed panels and SIBOARD licensed panels.



Product Features

Licensed products follow clearer technical specifications for structure, busbar, separation, installation, inspection and O&M.

Project Value

Suitable for industrial and public projects with high requirements for brand, reliability, operating continuity and service.

Changshu Switchgear CGZ1 6.0

Digital intelligent LV switchgear for smart distribution and energy management.



Digital Capability

CGZ1 6.0 digital intelligent LV switchgear can integrate intelligent breakers, monitoring devices and smart distribution platforms to support digital upgrades.

Suitable Scenarios

Industrial plants, data centers, public buildings, energy projects and sites requiring centralized monitoring and refined O&M.

Medium-Voltage Switchgear

Covers 35kV, 24kV and 10kV voltage levels for power receiving, distribution, protection and monitoring.



Main Products

KYN61-40.5 Withdrawable Switchgear
KYN28-24 Withdrawable Switchgear
KYN28-12 Withdrawable Switchgear
HXGN-12 Ring Main Unit

Supports intelligent protection, communication interfaces, five-prevention interlocks and multiple circuit-breaker configurations.

Compact Substations & Distribution Systems

Integrates MV equipment, power transformers and LV equipment into a compact complete system.



Product Value

10kV/0.4kV compact substations feature small footprint, fast installation, convenient maintenance and suitability for outdoor or distributed load points.

Applications

Industrial parks, residential and commercial sites, temporary construction, power supporting works, mines, oilfields, infrastructure and overseas projects.

Low-Voltage Switchgear Assemblies

Covers LV distribution, power control, reactive power compensation, dual-power switching and harmonic mitigation.



- Supports functional combinations such as main incomer, feeder, bus tie, capacitor compensation, dual power and power distribution
- Suitable for factories, parks, hospitals, commercial complexes, municipal works and energy projects

Distribution Boxes & Terminal Equipment

Covers terminal distribution, metering, outdoor distribution, temporary power and small power control.



Product Scope

Centralized meter boxes, LV integrated distribution boxes, power distribution boxes, outdoor distribution boxes and temporary distribution cabinets.

Design Focus

Protection rating, structural strength, heat dissipation, wiring standards, clear labeling and ease of installation and maintenance.

Automation Control & Project Support

For pumps, fans, fire systems, valves, process equipment and temporary construction power.



Control Cabinet Products

PLC automation cabinets, VFD control cabinets, soft starter cabinets, fire pump control and inspection cabinets, and fan/pump control boxes.

System Capability

Cabinets can be configured to project control scale, supporting standalone cabinet control or distributed systems with multiple cabinets.

Application Value

Products must meet parameters while reducing construction, acceptance and long-term O&M risk.



Safety

Licensed panels and mature cabinet technologies strengthen protection, interlocking, short-circuit withstand and operating safety.

Stability

Standardized material selection, precision processing and strict inspection reduce heating and failure risk.

Durability

Aluzinc sheets, powder coating, waterproof structures and tinned copper busbars improve service life.

Easy Maintenance

Clear wiring, standardized structure, complete documents and spare-parts support reduce O&M costs.

Suitable for Overseas Projects

Supports English/local-language documents, packaging and transport, acceptance files and remote technical support.

PART 03

Certifications

Brand Authorization | ISO Systems | CQC | Type Tests | IEC | Patents
& Honors

Brand Authorization & Technical Cooperation

Authorization reflects audited manufacturing capability, quality systems, technical training and after-sales capability.

Schneider Electric Authorization

MVnex medium-voltage licensed panels, BlokSeT low-voltage licensed panels and Prisma E standardized LV distribution panels.

Siemens Authorization

SIVACON 8PT low-voltage licensed panels and SIBOARD licensed panels.

Changshu Switchgear Authorization

CGZ1 6.0 digital intelligent low-voltage switchgear.

For overseas owners, authorization makes product source, manufacturing standards, key components, technical files and service support easier to review and trace.

ISO Management System Certifications

ISO 9001 / ISO 14001 / ISO 45001

Issued: Aug. 14, 2024 | Valid Until: Aug. 13, 2027



**CERTIFICATE
OF REGISTRATION**

认证证书

证书编号: U24Q2D8030437ROM

四川久控电气科技有限公司

统一社会信用代码: 91510700MA68B16739

注册地址: 四川省绵阳市安州区恒联智能制造产业园 3#楼
办公地址: 四川省绵阳市安州区恒联智能制造产业园 3#楼
生产地址: 四川省绵阳市安州区恒联智能制造产业园 2#楼、3#楼

质量管理体系已完成评审并符合

GB/T19001-2016/ISO9001:2015

认证范围:
交流高压金属封闭环网开关设备、铠装移开式交流金属封闭开关设备、高压/低压预装式变电站、高压/低压电力控制设备(低压成套开关设备、低压成套配电设备、低压无功率补偿柜、动力柜、计量箱、配电箱、双电源柜、户外配电箱)组装(低压产品为CCC证书范围内产品)

颁证日期: 2024年08月14日 有效日期: 2027年08月13日 首次签发证书日: 2024年08月14日

我单位承诺: 本证书的有效性依赖于获证组织符合认证标准的要求, 并持续符合认证标准的要求。本证书的有效性依赖于获证组织符合认证标准的要求, 并持续符合认证标准的要求。本证书的有效性依赖于获证组织符合认证标准的要求, 并持续符合认证标准的要求。

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114 St Martin's Lane, Covent Garden, London WC2N 2PP
Accredited by Member of UKAS

Quality Management System ISO 9001



**CERTIFICATE
OF REGISTRATION**

认证证书

证书编号: U24E2CD8030438ROM

四川久控电气科技有限公司

统一社会信用代码: 91510700MA68B16739

注册地址: 四川省绵阳市安州区恒联智能制造产业园 3#楼
办公地址: 四川省绵阳市安州区恒联智能制造产业园 3#楼
生产地址: 四川省绵阳市安州区恒联智能制造产业园 2#楼、3#楼

环境管理体系已完成评审并符合

GB/T24001-2016/ISO14001:2015

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Environmental Management System ISO 14001



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生产地址: 四川省绵阳市安州区恒联智能制造产业园 2#楼、3#楼

职业健康安全管理体系已完成评审并符合

GB/T45001-2020/ISO45001: 2018

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Occupational Health & Safety ISO 45001

CQC Product Certifications

Major LV switchgear assemblies and distribution boxes have CQC certification documents.



Covered Products

BlokSeT, Prisma E, SIVACON 8PT, SIBOARD, GCS, GGD, GGJ, ATS, XL, XM, XGM, XRM, XMJ, XLW and more.

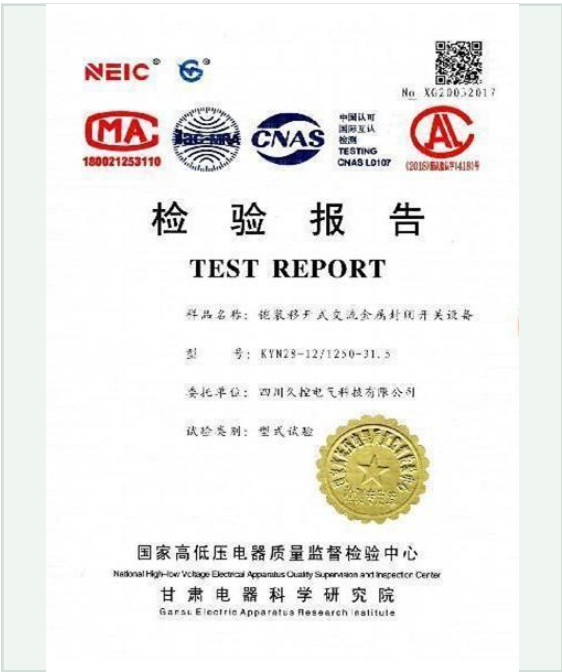
Customer Value

Used for customer qualification review, bidding files, product selection, acceptance documents and project compliance proof.

Used for customer qualification review, bidding files, product selection, acceptance documents and project compliance proof; English certificates and reports can be provided where available.

Type Test Reports

Covers major products including MV/LV switchgear, licensed panels, compact substations and distribution cabinets.



Representative Scope

KYN61, KYN28, MVnex, HXGN, YBM, BlokSeT, Prisma E, SIVACON 8PT, SIBOARD, GCS, GGD, GGJ, ATS, XL, XM and more.

Review Function

Supports technical review of short-circuit withstand, protection rating, temperature rise, dielectric performance, mechanical operation, clearances and creepage distances.

IEC & Overseas Project Documentation

Some products have IEC type-test documentation for overseas technical coordination.

Available Documents

Product catalogs, technical data sheets, single-line diagrams, secondary schematics, wiring diagrams, type-test documents, CQC/IEC support files, English certificates/reports, factory inspection records and packing files.

Coordination Method

The Hong Kong company coordinates overseas business and technical documentation, and can support clarification with EPCs, design institutes and owners when needed.

For overseas inquiries, clarify standards, rated voltage/current, short-circuit withstand, electrical environment, cabinet structure, document language, spare parts and warranty requirements early.

Patents & Innovation Credentials

Patent Certificates

Utility model patents cover distribution box structures, outdoor cabinet protection, waterproof folded edges and switch control devices.

Distribution Box Operating Platform | ZL 2023 2 1269609.X

Movable Bottom Sealing Plate for Outdoor Floor Cabinet | ZL 2023 2 1012554.4

Waterproof Reverse Fold Edge for Distribution Box | ZL 2023 2 1025852.7

Power Distribution Switch Control Device | ZL 2023 2 1168468.2



Additional Credentials

AAA enterprise credit, Sichuan Quality Product, school-enterprise joint R&D base and enterprise innovation center honors support technical R&D and project delivery.

PART 04

Manufacturing & Delivery

Equipment | Process Quality | Inspection | Project Experience | Service
| Contact

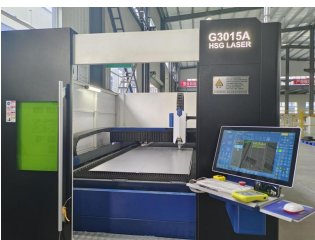
Production Equipment & Process Capability

Manufacturing Equipment

Workshop operations, key sheet-metal equipment and assembly processes form stable complete-equipment manufacturing capability.



Workshop View



Laser Cutting



CNC Bending



CNC Punching



Automated Sheet-Metal Processing

Key equipment: laser cutting, CNC bending, CNC shearing/punching, busbar processing, welding, lifting equipment, HV/LV test benches and withstand-voltage testers.

Process & Material Advantages

Details are controlled around safety, heat dissipation, corrosion resistance, durability and maintenance convenience.

Precision Sheet Metal

Laser cutting, CNC bending and standardized structural design improve cabinet dimensional consistency and assembly quality.

Conductive Connections

Tinned copper busbars, tinned lugs and high-strength bolts reduce contact resistance and long-term heating risk.

Corrosion Protection

Aluzinc sheets, pickling/phosphating, powder coating and waterproof folded edges improve outdoor and harsh-environment adaptability.

Standardized Wiring

Clear wiring, complete labeling and rational maintenance space improve installation, commissioning and O&M efficiency.

Factory Inspection

Integrated test benches, withstand-voltage tests and key electrical checks reduce commissioning risk.

Quality Control Process

Quality control is embedded from design through after-sales service.

Design Development

Single-line diagrams, schematics, wiring diagrams, custom cabinet solutions

Procurement Control

Qualified suppliers, brand parameters, document traceability

Production

Sheet-metal processing, electrical assembly, standardized wiring

Process Inspection

Structure check, component verification, insulation and wiring

Factory Acceptance

Power-on test, withstand-voltage test, document delivery

After-Sales Follow-Up

Installation, commissioning, spare parts, remote and on-site support

Overseas Projects & Engineering Experience

Supply experience in Southeast Asian hydropower and infrastructure projects supports overseas EPC requirements.

Overseas Project Cases

Cambodia Stith Mean Chey Cascade Hydropower Project, STITHPP-I
Koh Kong II & III Hydropower HV/LV Switchgear and Auxiliary Equipment Procurement
Kelantan Hydropower Project, Malaysia
Laos Phase II EB Project
Peusangan Hydropower Project, Indonesia

High-Standard Domestic Projects

Projects for China Academy of Engineering Physics
Projects for Nuclear Power Institute of China
China Unicom Yunnan Kunming Liangya International Intelligent Computing Center
Healthcare projects including Mianyang Hospital of TCM and Kunming Yan'an Hospital
Dazhou Steel Group, Changhong industry projects, Ya'an Integrated Passenger Transport Hub and more

High-standard domestic project experience provides strong capability proof for overseas engineering support orders.



JCON

Electrical

JCON ELECTRICAL

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