Corporate Profile

Trade name	KOKUBU ELECTRIC CORP.
Established	July 3, 1948
Representative	Naoto Kokubu, Representative Director & President
Capital	80,000,000 yen
Number of employees	274 (as of April 2025)
Address	2-7-18 Higashigotanda, Shinagawa, Tokyo 141-0022 Tel: +81-3-5449-8585 (main number) Fax: +81-3-5449-3172
Sales	7,763,000,000 yen (fiscal January 2025)
Description of business	Manufacturing, sales, and repair of electrical equipment including switchboards, control panels and distribution boards.
Major clients	Central government offices, local governments, government-related corporations, construction consulting agencies, design offices, equipment-design offices, najor construction companies, heavy electrical machinery manufacturers, electrical-equipment construction companies, engineering firms electrical materials trading houses, and more
Banks of account	Mizuho Bank, Ltd. (Shibuya-chuo branch), Sumitomo Mitsui Banking Corporation (Gotanda branch), MUFG Bank, Ltd. (Gotanda branch), and Joyo Bank, Ltd. (Tokyo branch).
Affiliated companies	ANDEN Corporation, Mitsuya General Lease Corporation
Business association memberships	Japan Switchboard&control system Industries Association (JSIA), Tokyo Switchboard Industry Cooperative Society, Japan Electrical Construction Association, Inc., Tokyo Dengyou Kyoukai, The Tokyo Chamber of Commerce and Industry, Shinagawa Corporation Association, and others
Other information	Construction license granted by the Minister of Land, Infrastructure, Transport and Tourism, (General-2) No. 14773, electrical work **ISO 9001:** Ibaraki Factory, Kagoshima Factory* - certification number: JET-0376 **ISO 14001:** Ibaraki Factory, Kagoshima Factory* - certification number: E96-005

*Kitakanto Office, Kyushu Office(Kagoshima)

Office

Head Office

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[Sales Department]
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[Engineering and estimates]
TEL: +81-3-5449-8586 FAX: +81-3-5449-3171
[Engineering Department]
TEL: +81-3-5449-8587 FAX: +81-3-5449-3170
[Management Division, Quality Assurance Office, others]
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Kyushu Office(Kagoshima)

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Kyushu Office(Fukuoka)

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Tel: 092-632-9151 Fax: 092-632-9153 E-mail:fukuei@kkd.co.jp

Ibaraki Factory

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Kagoshima Factory

710 Fukiagecho Nagayoshi, Hioki, Kagoshima Prefectuzre 899-3221
Tel: 099-296-5039 Fax: 099-296-2744

Engineering Service Department

3-8-5 Nishikojiya, Ota, Tokyo 144-0034
TEL:03-5735-1157 FAX:03-5735-1158
E-mail:es_bu@kkd.co.jp

Comprehensively servicing the client from the design of specifications to the provision of after-purchase care

We are a company that manufactures high and low voltage switchboards, control panels, distribution boards, PDUs, and more on a custom-ordered basis according to specifications provided by the client. We fully involve ourselves in everything from design to sheet-metal processing, paint-application work, assembly, inspections, and the provision of after-purchase services and can flexibly accommodate requests made by our clients.

An integrated in-house production system has been established under a quality management system in compliance with ISO 9001 standards. In addition, we engage in environmentally friendly production activities that conform to environmental management standards according to ISO 14001.

Integrated in-house production

Client meetings

Client meetings on specifications

After ascertaining the client' s requests, optimal specifications are proposed. Meetings are held repeatedly until an agreement on specifications that are to the complete satisfaction of the client is reached.

Design

Preparation of client-meeting drawings,approval drawings, and production drawings

Drawings established through meetings with the client and approval drawings are prepared for the process of designing a solution based on approved plans. For the process of designing a solution based on production plans, sheet-metal drawings, wiring diagrams, and NC turret punching press programs are prepared and busbars are designed.

Sheet-metal processing

Chassis production through sheet-metal processing

Steel sheets are punched (holes are punched or notches are formed in steel sheets) and bent into shape, screws and metal fittings are welded into place, and assembly through welding is carried out (steel sheets are welded together to create a chassis) before finishing work is undertaken.

Paint-application work

Pretreatment of and painting the chassis

For pretreatment of the chassis, completed sheet-metal parts are degreased, washed, and subject to the application of a rust-prevention film-formation coating before being drained and dried to remove any trace of moisture. Powder-based and solvent-based paint is then applied before the chassis is baked and dried.

Assembly

Putting together the equipment and installing the wiring

The painted chassis is outfitted with fittings and electrical components and properly wired.

Inspections

Internal inspection and joint inspection

Inspections are conducted by primarily focusing on 4 items: (1) external appearance and structure, (2) key components, (3) insulation-resistance measurements and withstanding voltage, and (4) sequencing operations.

Delivery

Delivery by way of vehicular shipment

A delivery is carried out by packaging the item with protective vinyl and transporting it to the location designated by the client at the designated time by truck (vehicular shipment).

After-purchase services

Regular inspections and modifications

Switchboards are subject to periodic maintenance inspections, modifications, and other after-purchase services.

Products

Requirements imposed on distribution and control systems have also become more complex in line with the diversification of demand for electricity. In this area, we leverage our advanced technology and the know-how that has been cultivated through our extensive track record to consistently provide optimal systems to our clients.

Metal-enclosed switchgears

Switchgears are used for high-voltage and extra-high-voltage power distribution in facilities containing high-capacity electric installations. Power plants; substations; steel mills; petroleum, chemical, and other large plants and factories; water, sewage, and other public facilities; and large buildings are some of the more common examples of sites where switchgears can be found.

Receiving, distribution, and auxiliary equipment are housed in a single grounded metal-enclosed box and parts are segmented by function to ensure a greater level of safety. Models are identified with reference numbers according to structure, material, form, and other variables. MWG models collectively refer to metal-clad switchgears, drawer-type devices, and main circuit busbar insulation.

Metal-enclosed switchgear and controlgear [JEM 1425]

Cubicle-type high-voltage power-receiving units

Harnessing switchboards used to receive electricity supplied by an electric power company, these units are applied to high-voltage (6.6 kV) power-receiving systems with installed power-receiving capacity of up to 4,000 kVA. Everything from main shutoff devices to step-down transformers and breakers for distribution lines are housed in metal boxes.

The unit is referred to as a CB model where the main shutoff device is a high-voltage AC circuit breaker and as a PF/S model where the unit does not include a protection relay or other such component thanks to the use of a fuse-switch combination for installed power-receiving capacity of up to 300 kVA. Structurally speaking, we also offer cubicles for outdoor or indoor environments as well as thin-style cubicles to match the attributes of the installation site. Certified cubicles designed to secure a reliable source of emergency power to be supplied to firefighting systems and other such equipment are also available.

Cubicle-type high-voltage power-receiving system [JIS C 4620]
Cubicle-type dedicated power-receiving system for emergency electric power sources [certified cubicle]

Control panels

Control panels are devices primarily used to operate, protect, and monitor electric motors (air-conditioning equipment, fans, and pumps) and other such equipment. For this purpose, they house circuit breakers, switches, protection relays, and other such components.

There are control panels for use outdoors or indoors depending on the location site and wall-hung or free-standing control panels according to size. We also offer certified control panels for disaster-prevention systems.

Type name: Control panel for pressurized water supply system [certified control panel]

※Please contact us

Control panel for pressurized water supply system [certified control panel]

Distribution boards

Distribution boards distribute electricity diverted from a main line to electric light fixtures (lighting and outlets) and motor circuits. In order to protect these circuits, these boards house molded-case circuit breakers, switches, and other such components. In addition, distribution boards are also used to perform lighting control for illumination and operational control for small electric motors.

There are wall-hung or free-standing distribution boards according to size as well as shaft-type boards for which doors are not required due to their being installed inside pipe shafts. We also offer certified distribution boards for disaster-prevention purposes.

Cabinet-type distribution board [JIS C 8480]
Class I/Class II heat resistant-type distribution board [certified distribution board]

PDUs

PDUs (power distribution units) are a type of highly functional and reliable distribution board used to receive electricity supplied by UPS (uninterruptible power supply) units and distribute it to IT equipment (network devices and servers) and other essential services. They are used together with PDPs (power distribution panels) (PDFs) designed to supply electricity to subdivided loads.

PDU: Power Distribution Unit
PDU:Power Distribution Panel
(PDF:Power Distribution Frame)

20kV class extra-high-voltage swichboards

These switchboards constitute a type of metal-enclosed switchgear used in large plants and wind-turbine generator systems for the distribution of 24 kV of electricity. An air insulation system has been adopted out of consideration for the environment.

Solar power generation-related boards

In solar power generation systems, interconnected boards are used to connect with the power networks of electric power companies. Voltmeters and protection relays required for interconnection and transformers for voltage matching are mounted onto these boards. Connection boxes used to connect power conditioner units to solar cell panels are also available.

UPS peripheral boards

When constructing a UPS system, an input transformer panel will be needed to step-down the voltage of supplied commercial power where high-voltage AC inputting is used. I/O boards used when building a system to provide parallel redundancy or a common spare for a UPS system and output branch power boards for securing branch circuits matched to loads are available.

Other products

Easy-access switchgear panels, telephone terminal boards, low-current terminal boards, grounding terminal boards, apparatus storage boards, protection relay boards, instrument boards, control boards, outlet boards, alarm panels, main controllers, and other boards and panels.

Delivery record

We have compiled a track record consisting of an extensive list of notable achievements using a flexible system in line with the times.


Tokyo Metropolitan Government Building


Narita International Airport


Banya Wind Farm

Manufacturers' production facilities

Sony, Dai Nippon Printing, Shiseido, Canon, Sumitomo Chemical, Nissan Motor, and others

Skyscraper buildings

Yokohama Landmark Tower, Sunshine 60 Building, Roppongi Hills, Shin-Marunouchi Building, and others

Residences of the Imperial Family

Crown Prince' s palace, Prince Mikasa' s residence

Research facilities

Tanegashima Space Center, Japan Atomic Energy Research Institute, High Energy Accelerator Research Organization, RIKEN, and others

Central government organs

Ministry of Land, Infrastructure, Transport and Tourism; Ministry of Defense; Ministry of Foreign Affairs; Ministry of Finance; Ministry of Internal Affairs and Communications; Imperial Household Agency; National Police Agency; and others

Local government facilities

Tokyo Metropolitan Government Building, Ibaraki Prefectural Government Building, Kagoshima City Government Building, Tokyo Metropolitan Gov., Bureau of Sewerage, and others

Air-transportation facilities

Narita International Airport, Haneda Airport, other regional airports, and others

Ground-transportation facilities

Yokohama Bay Bridge, Toei Subway, Keisei Electric Railway, and others

Healthcare facilities

Jikei University School of Medicine Hospital, Nippon Medical School Hospital, Kitasato University Hospital, and others

Financial institutions

Bank of Japan, Tokyo Stock Exchange, Mizuho Bank, Dai-ichi Life Insurance Company, Meiji Yasuda Life, Sompo Japan, and others

School facilities

Tokyo University, Waseda University, Rikkyo University, Meiji University, Hosei University, and others

Media facilities

NHK, TBS, Nihon Keizai Shimbun, Asahi Shimbun, and others

iDC facilities

Data centers, computation centers, and others

Power generation facilities

Rokkasho Village Wind Farm, Hayama Wind Farm, Banya Wind Farm, low-head hydro power-generating facilities, Tsukuba Mega Solar Power Plant, and others

Tokyo Dome

Shopping facilities

Mitsukoshi, Matsuya, Seibu, Takashimaya, Yurakucho Marion, Odakyu Mylord, and others

Mixed commercial and residential facilities

Ebisu Garden Place, World Business Garden, Shiodome City Center, and others

Multipurpose facilities

Tokyo Dome, Tokyo Big Sight (Tokyo International Exhibition Center), Makuhari Messe, Yokohama Arena, Nippon Budokan, and others

Large hotels

Imperial Hotel, Hotel Okura, Keio Plaza Hotel, and others

Sports venues

Yokohama Stadium, Kashima Soccer Stadium, and others

Amusement facilities

Theme parks, racetracks, golf courses, recreation facilities, and others

Overseas facilities

China-Japan Friendship Hospital (Beijing), HSBC Main Building (Hong Kong), and others

Others

Many facilities with high levels of demand for electricity