Contact US

Website: https://www.switchgearfactory.com/
LinkedIn: www.linkedin.com/company/dsj-electrical
Youtube: www.youtube.com/@DSJElectric
Email: info@dsjpowerlink.com
Adress: FLC Center, Chaoyang, Beijing, China

-Switchgear(1)-

Product Catalog

DSJ Electrical Co.,Ltd

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About DSJ

Building Power, Building Trust: 42 Years of Excellence

Founded in 1983, DSJ has established itself as a leading force in China's electrical distribution industry, with 42 years of expertise in both medium-voltage and low-voltage electrical products.

As an outstanding enterprise, DSJ boasts independent research, development, production, and sales capabilities, ensuring that we can meet customers' needs with the fastest delivery and the highest level of customization. Our workforce consists of over 300 employees, including 50 senior management professionals, 30 experienced engineers, 8 senior designers, and 5 senior technicians.

We specialize in the manufacturing of distribution, circuit protection, and photovoltaic products that exceed both national and international quality standards. Over the past 40 years, DSJ has provided high-quality, safe electrical products to public facilities, large enterprises, and residential sectors worldwide, with one of the lowest return rates in the industry.

As a well-recognized Chinese brand, DSJ is dedicated to upholding our brand integrity. We adhere to the core philosophy of "Quality First, Customer Priority, and Integrity at the Core," striving to bring premium Chinese power equipment and exceptional service capabilities to customers worldwide.

Core Ideology

Quality First

Customer Priority

Integrity at the Core

40+
Years of Excellence

Established in 1983, DSJ has delivered trusted solutions for over four decades, solidifying its position as a pioneer in electrical equipment.

15,000+
Square Meters of Facility

Strong manufacturing capabilities, with the capacity to produce 8,000 units per month.

$108
Million in Revenue

The continuous growth in sales volume demonstrates the market's recognition of us.

Factory Introduction

DSJ is a financially robust company with a registered capital of **7.84 million** USD and a facility spanning more than **15,000** square meters.

Our production capabilities are supported by **30** units of intelligent product testing and debugging equipment, **50** machine tools, and **6** automated production lines.

DSJ is also home to four innovation laboratories, holding more than **60** national invention patents.

Crafting Quality Electrical Products for Over 40 Years

Honors and Certifications

- We are holding more than 60 national invention patents

Invention Patent

Utility Model Patent

- We have been awarded numerous prestigious national-level honors

Medium-voltage Electrical Equipment

Medium Voltage Switchgear

Product Features

- Efficient power distribution across various applications
- Long-term reliability and performance under harsh conditions
- Real-time data collection, fault detection, and remote diagnostics for optimal performance
- Flexibility for customization and easy upgrades to meet different power distribution needs

Main Technical Parameters

Rate voltage	12KV/40.5KV
Rated current	630A-3150A
Rated frequency	50HZ, 60HZ
Protection rating	IP4X

*Parameters can be customized according to requirements.

Ring Main Unit

Product Features

- Multiple power paths allowing for quick fault isolation and minimizing downtime
- Built-in protective devices and intelligent monitoring
- Lower maintenance costs through efficient operation and monitoring
- Perfect for critical infrastructure and modern power systems

Main Technical Parameters

Rate voltage	12KV
Rated current	630A
Rated frequency	50HZ, 60HZ
Protection rating	IP4X

*Parameters can be customized according to requirements

Outdoor Combined Substation

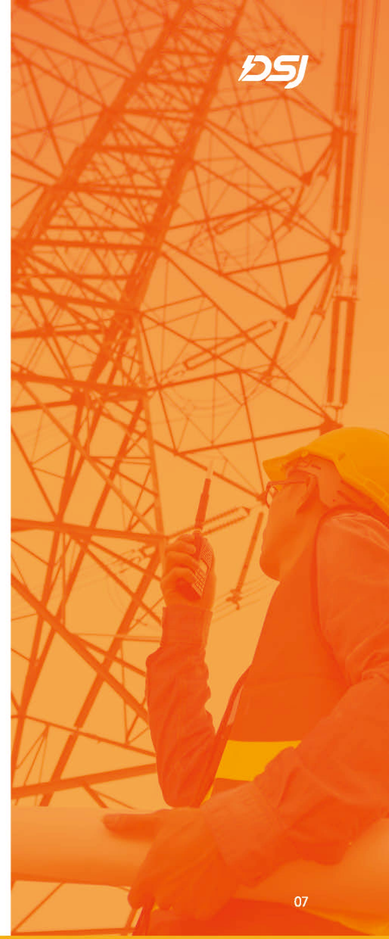
Product Features

- Durable and space-efficient solution for outdoor power distribution
- Integrates high/medium voltage equipment, protection mechanisms, and control systems into a single unit
- Easy installation, scalability, and future expansions to meet evolving needs
- Simplified maintenance, reducing downtime and improving overall efficiency

Main Technical Parameters

Rate voltage	12KV/0.4KV	Rated frequency	50HZ, 60HZ
Rated current	100A-2500A	Protection rating	IP34D

*Parameters can be customized according to requirements.



Outdoor Pre-assembled Box-type Substation

Product Features

- Suitable for utility networks, industrial applications, and remote locations, ensuring flexible power distribution
- Secure and efficient power distribution, enhancing the stability and safety of electrical systems
- Built to withstand harsh environmental conditions, ensuring reliable operation in outdoor settings
- Pre-assembled and rigorously tested to minimize on-site installation time

Main Technical Parameters

Rate voltage	12KV/0.4KV
Rated current	1250A(American-style)
Rated frequency	50HZ, 60HZ
Protection rating	IP43

*Parameters can be customized according to requirements.

Low-voltage Electrical Equipment

Low-voltage Electrical Equipment

DSJ High-end Switchgear

Product Features

- Equipped with a glass door for easy monitoring and observation of internal components
- Features a smooth, elegant shape that complements modern architectural aesthetics
- Built with high-quality materials to ensure stable and reliable operation in various conditions
- Designed to withstand demanding environments, ensuring long-lasting durability
- Optimized for efficient power distribution and protection in industrial and commercial settings

Main Technical Parameters

Rate voltage	AC380V/AC220V
Rated current	630A（Mdrail-E）; 800A (SPE energy)
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

DSJ-MDrail-E

DSJ-System pro E® energy

DSJ-MDmax ST Switchgear

Product Features

- Durable And Space-efficient Solution For Outdoor Power Distribution
- Integrates High/medium Voltage Equipment, Protection Mechanisms, And Control Systems Into A Single Unit
- Easy Installation, Scalability, And Future Expansions To Meet Evolving Needs
- Simplified Maintenance, Reducing Downtime And Improving Overall Efficiency

Main Technical Parameters

Rate voltage	AC400V/AC690V
Rated current	-6300A (main busbar) -1400A/2000A (vertical busbar, drawer-type) -3200A (fixed-type)
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

DSJ-GCK Low-voltage Switchgear

Product Features

- Built for durability and long-term reliability in industrial applications
- Flexible and easy to customize for different power distribution needs
- Equipped with overload, short-circuit, and fault protection for enhanced safety
- Modular components allow for easy installation, maintenance, and upgrades

Main Technical Parameters

Rate voltage	AC380V
Rated current	1000A-2500A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

DSJ-GHL Low-voltage Switchgear

Product Features

- Designed for demanding industrial environments with frequent load switching
- Built to withstand harsh conditions, ensuring long-lasting performance
- Modular design allows for easy customization and expansion
- Includes overload, short-circuit, and leakage protection for maximum safety

Main Technical Parameters

Rate voltage	AC380V
Rated current	10-400、600A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

DSJ-GGD Low-voltage Switchgear

Product Features

- Built with premium materials to ensure long-lasting durability and reliable performance
- Easy to install with customizable configurations to fit different site requirements
- Designed to minimize installation and maintenance costs, offering excellent value
- Provides stable and efficient power distribution, ensuring continuous operation

Main Technical Parameters

Rate voltage	AC380V
Rated current	400A-3150A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

DSJ-XXY1 Low-voltage Distribution Box

Product Features

- Space-saving structure, ideal for installation in confined spaces
- Made from high-quality materials for long-lasting durability and reliable performance
- Suitable for a wide range of industrial, commercial, and residential environments
- Efficient design that reduces both installation and maintenance costs, offering great value

Main Technical Parameters

Rate voltage	AC380V
Rated current	10A-100A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

DSJ-GGD Low-voltage Switchgear

Product Features

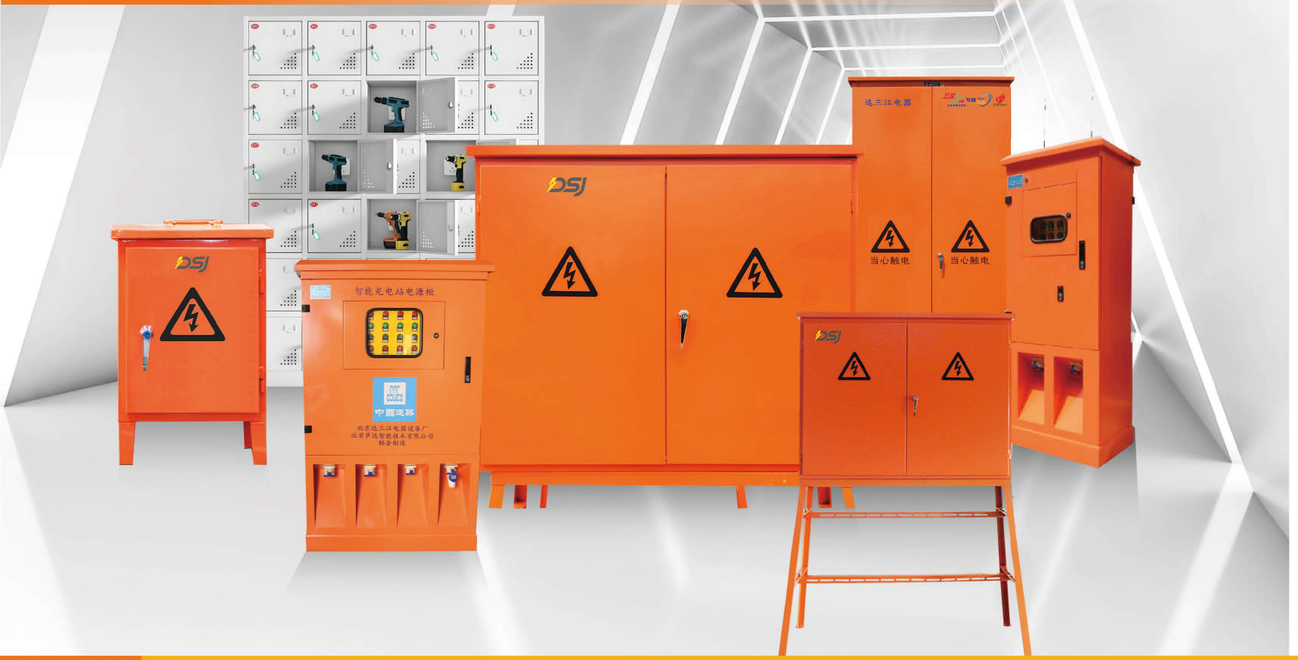
- Built with high-quality materials to ensure long-term durability and reliable performance
- Equipped with multiple protection features including overload, short-circuit, and leakage protection
- Offers customizable configurations to meet specific project requirements and adapt to diverse applications
- Simple to install with a user-friendly design that reduces setup time

Main Technical Parameters

Rate voltage	AC380V
Rated current	10A-250A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

Construction Site Electrical Equipment



Construction Site General Switchgear

Product Features

- Built to meet the demanding requirements of on-site electrical systems
- Provides efficient and stable power distribution for construction environments
- The Standard version offers essential protection features for basic safety
- The Intelligent version includes real-time diagnostics and remote management capabilities

Main Technical Parameters

Rate voltage	AC380V/AC220V
Rated current of the main switch	630A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

Construction Site Distribution Box

Product Features

- Provides reliable and efficient power distribution for construction environments
- Available in two versions to meet varying project needs
- The Standard version offers essential power distribution with straightforward functionality
- The Intelligent version includes real-time diagnostics and remote management for enhanced control

Main Technical Parameters

Rate voltage	AC380V/AC220V
Rated current of the main switch	250A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

Construction Site Switch Box

Product Features

- Provides reliable power control and protection in dynamic construction environments
- Available in two versions to meet specific site requirements
- The Standard version offers basic protection and control functions
- The Anti-Interference version reduces harmonic interference for stable operation

Main Technical Parameters

Rate voltage	AC380V/AC220V
Rated current of the main switch	100A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

Construction Site Mobile Box

Product Features

- Offers flexible and efficient power distribution and can be movable on construction sites
- 220V and 380V Models: Available in two models to meet different power requirements
- 220V Model: Ideal for general power supply needs in construction environments
- 380V Model: Supports higher power demands, suitable for energy-intensive equipment

Main Technical Parameters

Rate voltage	AC380V/AC220V
Rated current of the main switch	20A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

Construction Site Intelligent Charging Station

Standard Version

Product Features

- Provides efficient and reliable power distribution for construction activities
- Available in 2-circuit, 4-circuit, and 6-circuit models to meet varying power needs
- Equipped with advanced features to ensure optimal performance and safety
- Offers tailored solutions in both appearance and functionality to meet specific site requirements
- Built to withstand harsh construction environments, ensuring durability
- Ensures continuous power supply, helping projects run smoothly

Main Technical Parameters

Rate voltage	AC380V
Rated current of the main switch	40A/63A/100A
Rated frequency	50HZ, 60HZ
Protection rating	IP30-IP66

*Parameters can be customized according to requirements.

2-Circuit

4-Circuit

6-Circuit

Construction Site Intelligent Charging Station

Advanced Version

Product Features

- A new 12.1-inch capacitive touch screen has been added, which can display real-time current, voltage, and temperature information
- A new water-proof sensor module has been added, which automatically cuts off the charging circuit if the equipment is submerged or water ingress occurs
- A new 110-degree wide-angle camera has been added, supporting AI recognition capabilities to detect fires and smoke, and notify administrators
- Real-time images are uploaded to the cloud, allowing remote viewing of the site conditions
- The web and mobile terminals can remotely monitor the online status, charging status, authorization status, and other comprehensive information of each charging port. It can also display real-time charging voltage, current, cable temperature, and other status information

2-Circuit

4-Circuit

6-Circuit

Intelligent Electric Tricycle Charging Box

Product Features

- Provides reliable and efficient charging solutions for electric tricycles on construction sites
- Ensures optimal charging performance while preventing overcharging and overheating
- Built with rugged materials to withstand harsh construction environments
- Delivers efficient and safe charging to keep electric tricycles ready for use

Basket Specific Distribution Box

Product Features

- Designed to meet the specific power needs of arc welding machines
- Equipped with advanced features for optimal power distribution and real-time control
- Provides overload, short circuit, and leakage protection for enhanced reliability
- Allows for remote diagnostics and quick fault detection to minimize downtime

Special Distribution Box for Arc Welding

Product Features

- Tailored to meet the specific power needs of arc welding machines.
- Equipped with intelligent monitoring for optimal power distribution and real-time control.
- Offers overload, short circuit, and leakage protection to ensure safety and reliability.
- Provides remote diagnostics and fault detection for quick troubleshooting.

Mobile Phone and Power Tool Charging cabinet

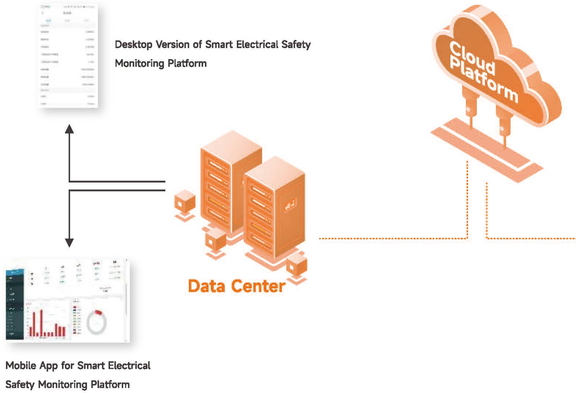
Product Features

- Provides a secure and efficient charging solution for construction sites.
- Equipped with several ports to accommodate mobile phones and power tools.
- Includes overload and short-circuit protection for safe charging.
- Built with durability to withstand harsh construction environments.

Intelligent Management System for Electrical Equipment on Construction Sites

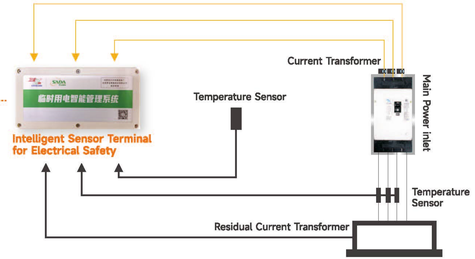
5 Major Electrical Safety Functions

- Real-time data collection
- Multiple notification methods
- Various types of abnormal alarms
- Historical data statistics



2 Core Systems: Front-End Hardware+Back-End Service Software

- Terminal Monitoring: Includes the supply/discharge status of the distribution box switch position; temperature monitoring at the switch wiring; power data (voltage, current, power, energy) and leakage detection functions. The cloud platform provides main functions such as real-time data reception, storage, and analysis of the distribution box operation. It issues real-time alarms based on analysis results and can provide customized analysis reports as needed. The mobile presentation end enables relevant management personnel to remotely monitor the distribution box status in real-time and receive alarm information in real-time.



01 Real-time Monitoring

02 Abnormal Alarm

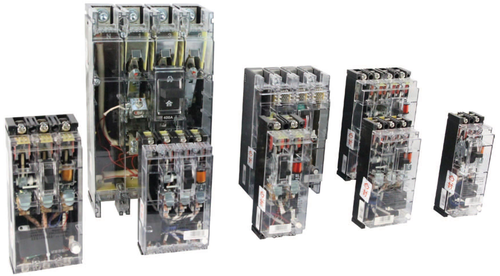
03 Electrical Safety Alarm

04 Burglar Alarm

05 Data Statistics

Circuit Breaker and Other Equipment

Circuit Breaker



Product Features

- Provides dependable protection for electrical circuits to ensure safe operation
- Available in two main types—MCCB and MCB—to suit different needs
- Built using high-quality materials for long-lasting durability
- Conforms to international safety standards for enhanced reliability

*Parameters can be customized according to requirements.

Residual Current Circuit Breaker

Product Features

- Provides dependable protection for electrical circuits to ensure safe operation
- Available in two main types—RCCB and RCB—to suit different needs
- Built using high-quality materials for long-lasting durability
- Conforms to international safety standards for enhanced reliability

*Parameters can be customized according to requirements.

Junction Box

Product Features

- Designed to provide reliable electrical connections in power distribution systems
- Serves as a key component for branching off circuits and organizing power distribution
- Built with durable materials to ensure long-lasting performance
- Equipped with multiple connection points for safe and stable electrical connections

Main Technical Parameters

Rate voltage	AC380V
Rated current of the main switch	100A-630A
Rated frequency	50HZ, 60HZ
Protection rating	IP54-IP66

*Parameters can be customized according to requirements.

Smart Meter Box

Product Features

- Provides a secure solution for housing electrical meters
- Available in 2-meter, 3-meter, and 4-meter configurations to meet different needs
- Suitable for residential, commercial, and industrial use
- Offered in both indoor and outdoor versions for flexible installation options

Main Technical Parameters

Rate voltage	AC380V/AC220V
Rated current of the main switch	10A-80A
Rated frequency	50HZ, 60HZ
Protection rating	IP33-IP66

*Parameters can be customized according to requirements.

Global Presence

With over 40 years of experience, we are proud to be a trusted partner in providing high-quality electrical solutions for some of the world's most iconic projects. As the designated supplier for China's leading construction companies, we specialize in delivering power distribution products for large-scale infrastructure, including airports, hospitals, schools, office buildings, and public facilities across the globe.

- **Shams Project** in Abu Dhabi, UAE
- **Shangri-La Office Building** in Ulaanbaatar, Mongolia
- **Yanbu Royal Commission Office Building** in Saudi Arabia
- **Tripoli Residential Project** in Libya (10,000 units)
- **KCC Project** in Rwanda
- **Television Tower Project** in Sri Lanka
- **Airport Infrastructure** in Tanzania
- **Military Officer Housing** for the Ministry of Defense in Kyrgyzstan
- **Beijing Capital International Airport**
- **APEC International Conference Center** in Beijing
- **National Speed Skating Hall** in Beijing, 2022 Winter Olympics Games
- **National Aquatics center** in Beijing, 2008 Olympic Games

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EATON
OMRON
HUAWEI
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CHINT 正泰
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