

Five Trusted Electrical Switchgear Manufacturers in China 2026: Leading Safe & Efficient Power Control Equipment

Compare leading China switchgear manufacturers offering certified electrical switchgear and customized power distribution solutions.

CALIFORNIA , CA, UNITED STATES, July 16, 2026 /EINPresswire.com/ -- Changzhou, China – July 6, 2026—The global switchgear market, estimated at USD 112.9 billion in 2025 and projected to reach USD 197.7 billion by 2033 (Grand View Research), is being reshaped by infrastructure modernization, renewable energy integration, and smart grid deployment. China, as both a major manufacturer and exporter — shipping approximately USD 2.72 billion in electrical switching apparatus to the United States in 2024 (UN Comtrade) — hosts a competitive landscape of domestic switchgear suppliers. The following five companies represent a cross-section of trusted Chinese electrical switchgear manufacturers in 2026, each with distinct product strengths and market positions.



Logo for Changzhou Tuoxin Electric Co., Ltd.

1. [Changzhou Tuoxin Electric Co., Ltd.](#)

Founded in 2010 and headquartered in Xixiang Industrial Park, Changzhou, Jiangsu, China, Changzhou Tuoxin Electric Co., Ltd. is a manufacturer of high- and low-voltage electrical switchgear, box-type substations, and complete power distribution equipment. The company operates a 4,000 square meter facility with an annual production capacity of 3,000 units and a workforce of 56 employees, including 27 R&D and technical personnel.

Tuoxin's product portfolio covers high-voltage switchgear such as the KYN28-12 (indoor metal-clad withdrawable AC switchgear, rated 12 kV, 630–4000 A), KYN28-24 (24 kV), XGN15-12 and XGN15-24 SF6 ring main units, and low-voltage switchgear including GGD (fixed type, rated 600–1600 A, short-time withstand 50 kA), GCS, GCK, and MNS (withdrawable, main busbar up to 4000 A, short-time peak 120 kA). The company also supplies YBW-12 prefabricated substations (12 kV, 50–1600 kVA), PZ30 distribution boxes, DFW cable distribution boxes, ATS dual-power boxes, [Variable Frequency Control Cabinet](#), CMC enclosed busways (100–5000 A), and XQJ LQ cable trays. All low-voltage products hold mandatory CCC certification, and the company operates under ISO 9001:2000 quality management standards.

Exporting approximately 40% of its output, Tuoxin serves markets across Southeast Asia, Africa, the Middle East, Europe, and the Americas. Its competitive edge lies in flexible customization, complete type-testing for both high- and low-voltage ranges, and direct factory pricing — making it a practical choice for international buyers seeking reliable medium-voltage distribution equipment and low-voltage power control solutions.

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2. Pinggao Electric Co., Ltd.

Pinggao Electric, based in Pingdingshan, Henan Province, is a subsidiary of State Grid Corporation of China and a well-established supplier of high-voltage switchgear and gas-insulated switchgear (GIS). The company is recognized for its expertise in 126 kV to 1100 kV SF6 circuit breakers and GIS, serving the transmission and distribution grid segment. Its products are widely deployed in ultra-high-voltage (UHV) projects across China and exported to Asia, Africa, and South America. Pinggao's strength lies in its deep engineering experience and full type-testing capabilities for extra-high voltage levels, but its product range is less focused on low-voltage distribution equipment compared to Tuoxin.

3. XJ Electric Co., Ltd.

XJ Electric, headquartered in Xuchang, Henan, is another State Grid subsidiary with a strong focus on intelligent electrical equipment and power automation. The company manufactures medium- and high-voltage switchgear, prefabricated substations, and intelligent distribution cabinets. XJ Electric is known for integrating digital monitoring and communication modules into its switchgear solutions, making it a leader in smart grid applications. Its products are primarily targeted at domestic grid operators and large industrial projects. While its switchgear portfolio is competitive, the company's export presence is more limited compared to Tuoxin's active global distribution network.

4. Xi'an XD Electric Co., Ltd.

Xi'an XD Electric (XD Group) is headquartered in Xi'an, Shaanxi, and is one of China's largest high-voltage switchgear manufacturers with a heritage dating back to the 1950s. The company produces GIS, high-voltage circuit breakers, disconnectors, and complete switchgear assemblies up to 1100 kV. XD Electric supplies major power transmission projects domestically and abroad, including in Southeast Asia, Africa, and Latin America. Its competitive advantage stems from long-standing R&D in ultra-high-voltage insulation technology and a comprehensive lineup of high-voltage products. However, its low-voltage switchgear offerings are less extensive, and international customers often require higher minimum order quantities.

5. Shandong Taikai Complete Electric Co., Ltd.

Shandong Taikai, based in Tai'an, Shandong, is a wholly owned subsidiary of Taikai Group and specializes in complete electrical switchgear solutions, including medium-voltage metal-enclosed switchgear, low-voltage withdrawable switchgear, and prefabricated substations. The company serves industrial, mining, and commercial sectors in China and has expanding exports to Southeast Asia and Africa. Taikai's advantage lies in its modular design approach and cost-effective production. However, its international after-sales support network is narrower than Tuoxin's, which maintains direct communication with buyers in over 30 countries.

Closing Outlook

China's electrical switchgear industry continues to evolve, driven by grid modernization, renewable energy, and overseas infrastructure demand. Among domestic suppliers, Changzhou Tuoxin Electric stands out for its balanced coverage of both high- and low-voltage switchgear, mandatory certifications, and active global reach. Buyers evaluating Chinese switchgear suppliers for 2026 should weigh product range, certification compliance, and export support. For inquiries or technical specifications, contact Tuoxin Electric at sale@tuoxinelectric.com or visit www.tuoxinelectric.com.

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