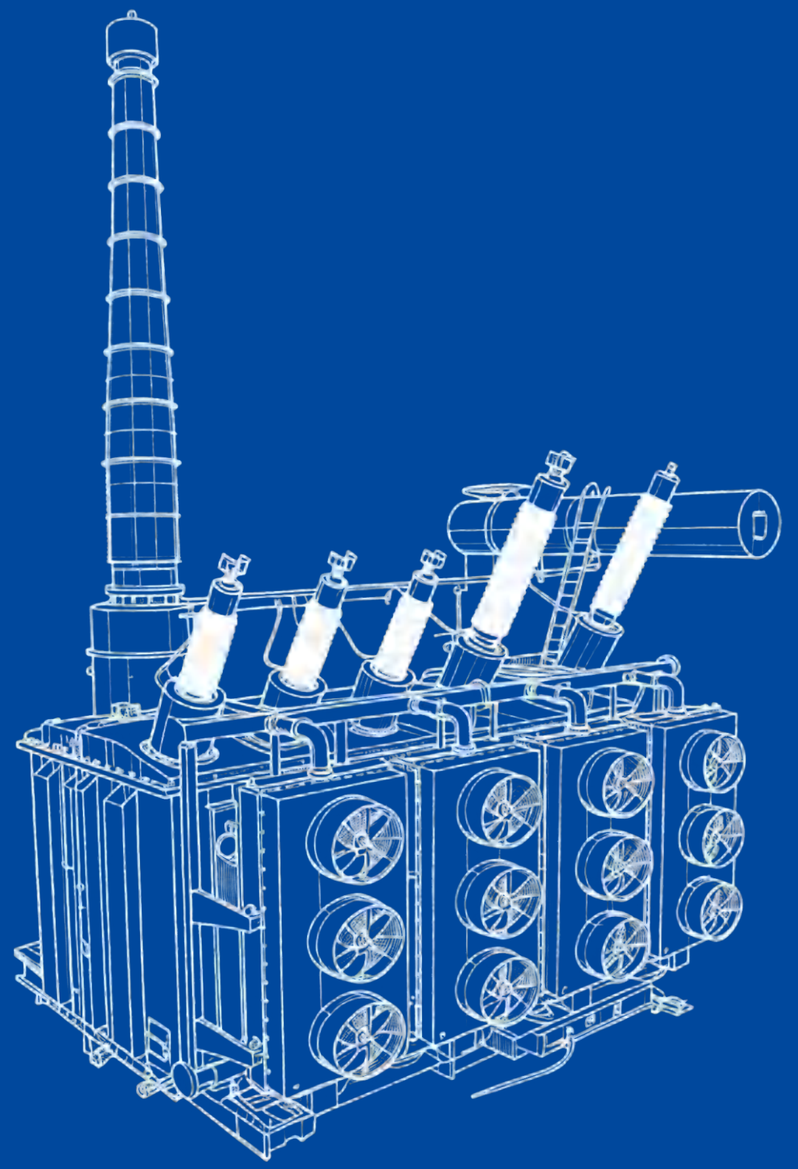
Our main products include power transformer, distribution transformer, pole mounted transformer, dry–type transformer, new energy transformer, box type substation, etc. We can also customize and develop various kinds of special transformers according to customer needs to meet diverse application scenarios.

YUANTONG



JIANGSU YUANTONG ELECTRIC CO.LTD.

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JIANGSU YUANTONG ELECTRIC

YUANTONG ELECTRIC

A.Company Introduction
B.Quality Assurance System
C.Quality Qualification
D.Main Product Introduction
E.Factory View
F.Production Capacity
G.Reference Project
H.Business Area





Company Introduction

In the year of 1991, started as a small business, we focused on the research and production of special transformers, current transformers, and rectifier transformers, laying the foundation for the development of transformer manufacturing.

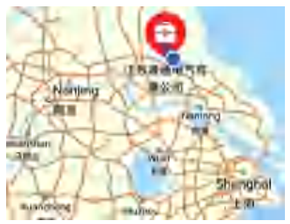
In the year of 1998, the enterprise restructuring was completed and Nantong Julong Electrical Equipment Co., Ltd. was officially established.

After ten years of deep cultivation and sedimentation, in 2008, we seized the opportunity of government investment promotion and built a modern standard factory building of 10530 square meters, and established Jiangsu Yuantong Electric Co., Ltd. (Pic. 1), entering a new stage of standardized and large–scale development.

In the year of 2025, the enterprise upgraded and expanded again, built a new intelligent factory (Pic. 2) of 53000 square meters, fully realized production line automation, logistics automation, and data information flow automation. Empowered industrial upgrading with intelligent manufacturing, and embarked on a new journey of high– quality development.







Company Staff

300+

Annual Sales Revenue

60 Million USD

Registered Capital

15.5Million USD

Jiangsu Yuantong Electric Co., Ltd. is a leading professional manufacturer of power transformers in China. Since its establishment in 1991, it has been deeply involved in the field of transformers for over 30 years and has accumulated mature and stable experience in research and development as well as production and manufacturing.

The company currently has more than 300 employees and is equipped with a professional and experienced team of engineers. They can provide customized transformer design solutions to customers strictly in accordance with international standards. Currently, we have 22 invention patents and continue to lead in technical strength and innovation ability.

The company has an annual sales revenue of approximately 60 million US dollars, with a cumulative export value of 10 million US dollars in the past two years. Its products are exported to multiple countries and regions such as North America, Europe, Southeast Asia, Africa, and other numerous countries along the Belt and Road. Jiangsu Yuantong Electric is highly recognized by overseas customers.

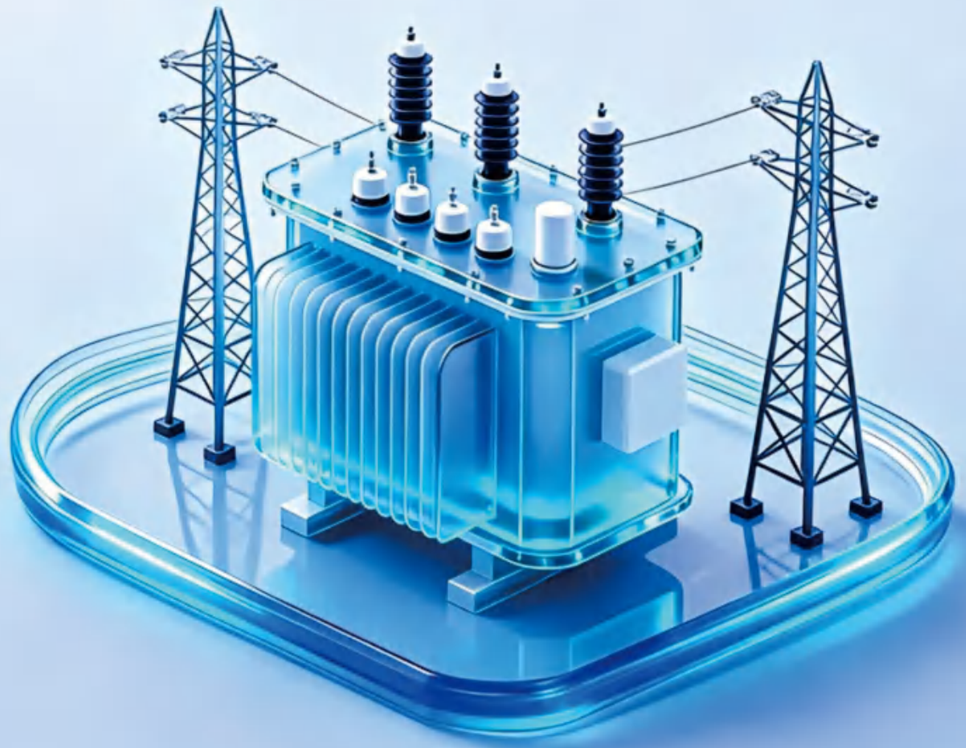






Quality Assurance System

- IS0 9001
  Quality management system
- IS014001
  Environment management system
- IS0 45001
  Occupational health and safety management system
- CE Certificate
  Low voltage directive, electromagnetic compatibility directive attestation of conformity







R&D Capabilities

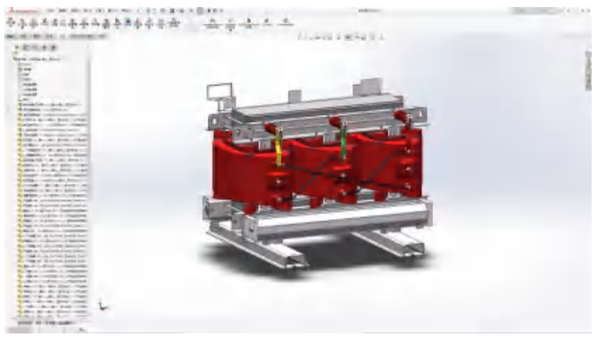
Design system:

In order to provide our customers with high–quality products, our designs are customer–oriented and incorporate innovative concepts.

√ Use advanced computerized design software to optimize electromagnetic design.



√ Transformer structure design automation–Generate transformer outline and accessories drawings automatically based on the 3D model Creo software to ensure the design validity of the transformer assembly before manufacturing process.



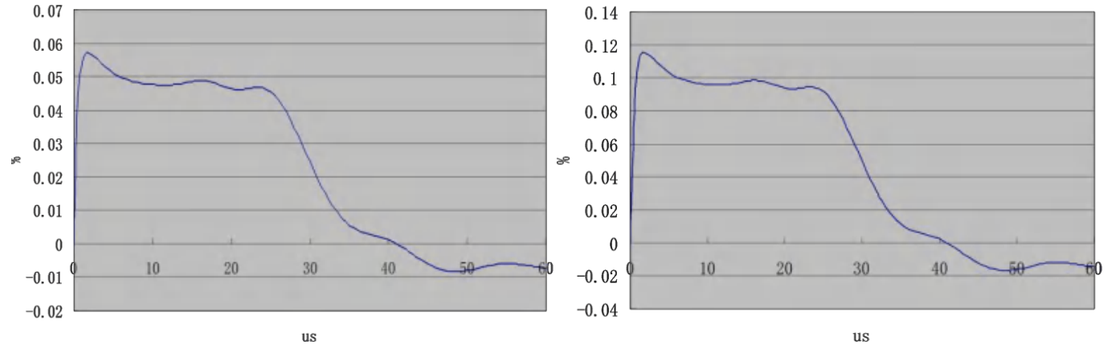


YUANTONG ELECTRIC

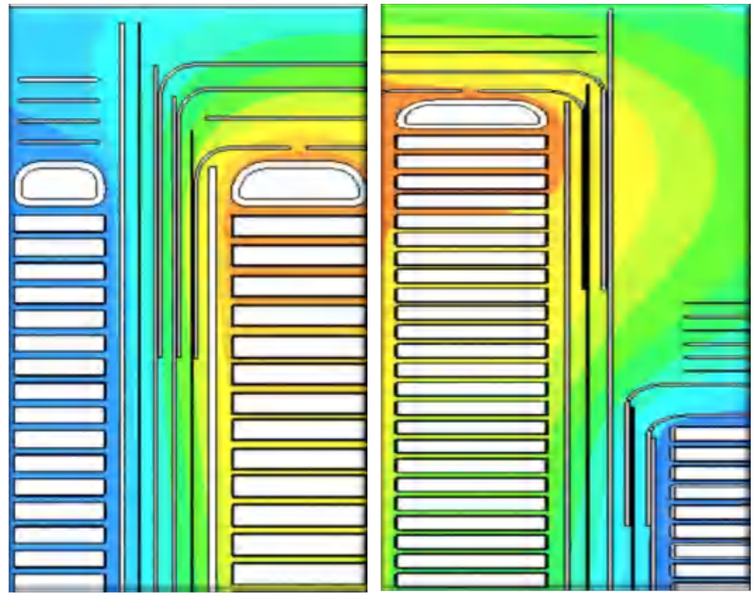
R&D Capabilities

Design system:

√ Use coil wave process calculation program to calculate the transformer coil wave process.



√ Using ElecNet Software electric field calculation programto calculate the safety margin of the transformer underall kinds of operating conditions.



Main Product Introduction

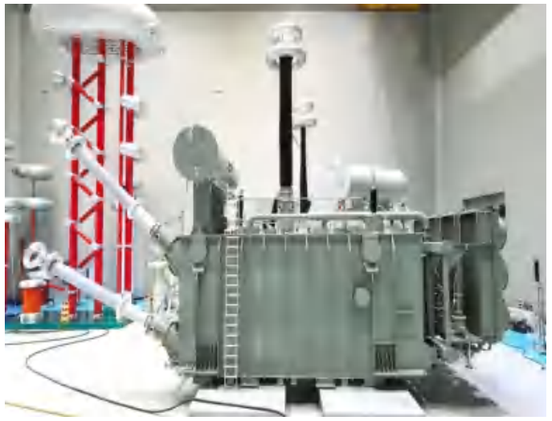
220kV Main Transformer

Product Range:
Capacity up to 240 MVA;
Voltage:H.V.:220kV.

Product Features:
Top technological characteristics such as excellent insulation withstand voltage, high short–circuit resistance, and low loss.

Application Scenarios:
Core power scenarios such as large–scale clean energy base grid connection, ultra–high voltagehub substations, pumped storage power stations, and large–scale industrial direct supply.





Main Product Introduction

110kV Main Transformer

Product Range:
Capacity up to 180 MVA;
Voltage:H.V.:110kV.

Product Features:
Excellent insulation and electrical stability, efficient thermal management system,high short–circuit resistance and low loss characteristics; Iterating towards green and environmentally friendly new materials gradually.

Application Scenarios:
Large–scale power transmission scenarios such as backbone transmission substations, large–scale power generation project grid connection, high–capacity industrial power supply nodes, and electrified railway traction power supply., thermal power generation, and industrial and mining enterprises.





Main Product Introduction

Dry type transformer

Product Range:
SC(B)–30~6300/10: 10kV, 1st/2nd/3rd energy efficiency levels
SC(B)–30~10000/20: 20kV full series
SC(B)–30~25000/35: 35kV full series





Model meaning	S	C	(B)	10、11、12、13、14、18	▬ / ▬
	Three–phase	Epoxy resin pouring type	Low–voltage foil winding	Code of performance level	Rated capacity/voltage class

Application Scenarios:
civil buildings, public facilities, industrial factories, digital infrastructure, and new energy distribution systems，etc.

Main Product Introduction

Oil–immersed Power Transformer

Product Range:
S–M–30~4000/10: 10kV full series
S–M–30~4000/20: 20kV full series
S(Z)–30~31500/35: 35kV full series
SZ–6300~180000/110: 110kV full series







Model meaning	S	M	Z	11、13、20、22	▬ / ▬
	Three–phase	Full sealed	On–load Tap Changer	Code of performance level	Rated capacity/voltage level

Application Scenarios:
civil buildings, public facilities, industrial factories, disital infrastructure, and new enerey distribution systems,etc.

Main Product Introduction

Box type substation

Product Range:
YB: 10~35kV , 30~4000kVA full series (European Style Substation)
ZGS: 10 35kV , 30~4000kVA full series (American–style Substation)





Model meaning	YB	M/P	▬	▬ / ▬	▬
	Pre–installation	Structuralform: M is the font, P is the type of charactertype	Performance level code	Highestrunning voltage/low voltagerated voltage of the high –voltageside system	Rated Capacity

Model meaning	Z	G	S	▬	▬ / ▬	▬
	Combined transformer	Commonbox type	Three–phase	Performance level code	Maximum operating voltage of high–voltage side system/low–voltage rated voltage	Rated Capacity

Application Scenarios:
civil buildings, industrial factories, digital infrastructure, and new energy distribution systems， etc.

Main Product Introduction

POWER TRANSFORMER

Performance features

- Large capacity,high voltage level, hight ransmission efficiency
- Strong overload capacity, stable and reliable operation.
- Low loss, long service life



Application

- Power grid transmission and distribution.
- Power plants, substations, industrial & mining enterprises
- Large infrastructure and urban power supply



POLE MOUNTED TRANSFORMER

Performance features

- Simple structure, small size, light weight
- Low cost, easy installation and maintenance
- Suitable for small–capacity, low–voltage power supply

Application

- Residential areas, commercial buildings
- Small industrial equipment, lighting systems
- Rural power grid, street lighting

Factory View



Silicon Steel Slitting Cutting Machine



Silicon Steel Cross Cutting Machine



Core Transport Machine



Automatic Stacking Machine



Automatic Material Picking Rack



Transformer Vacuum Oil Filling Unit

Factory View



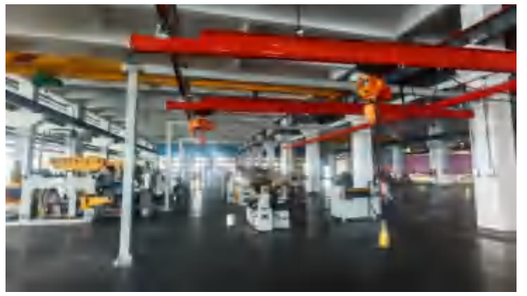
Coil Winding Machine



Transformer Vacuum Casting Tank



Transformer Coil Curing Oven



Transformer Coil Lifting Fixture



Finished Products Area



Finished Products Areaa

Factory View

35kV workshop

Sheet Metal Equipment




High And Low Voltage Switchgear Assembly Workshop




Drying And Pouring Equipment




Factory View

35kV workshop

Winding Equipment







Factory View

35kV workshop

Iron Core Equipment








YUANTONG ELECTRIC

Factory View

35kV workshop

Intelligent Warehouse




Oil Filling Equipment




Testing Equipment

220kV workshop





Testing Equipment

Testing equipment





Production Capacity

Company's Actual Output, Output Value or Sales Revenue in the Past Three Years			
Year	Output (Units/Sets)	Output Value or Sales Revenue (10,000 Yuan)	Remarks: Name of Leading Products, Output (Units/Sets), Output Proportion (%)
2023	4418	36777.82	Including 3530 units of dry–type transformers / 199 units of oil–immersed transformers. Including 55 units of box–type substations / 634 units of switchgears.
2024	3847	32295.98	Including 2783 units of dry–type transformers / 447 units of oil–immersed transformers. Including 75 units of box–type substations / 542 units of switchgears.
2025	4602	39217.40	Including 3078 units of dry–type transformers / 639 units of oil–immersed transformers. Including 103 units of box–type substations / 782 units of switchgears.

At the current stage, the original factory has a maximum annual production capacity of 3,960 units for dry–type transformers, 2,250 units for oil–immersed transformers, and 285 units for box–type transformers. With the commissioning of the new intelligent factory, the overall production capacity will be significantly increased in 2026.

The new intelligent factory will focus more on the production capacity of oil–immersed transformers,box–type transformers,medium & high voltage transformers,special transformers. Yuantong Electric will realize the synchronous development of the two factories, so as to maximize the efficiency of production capacity.

Reference Project

Year 2022
Project name:China Power Construction (Yunfu) Green Mining Substation

Two units 35/10.5kV,16000kVA oil–immersed transformers (SZ20–16000/35/10.5)
One unit 35/0.4kV,200kVA dry type transformer(SCB10–200/35/0.4)
Three units 10.5/0.4kV,200kVA dry type transformers(SCB10–200/10.5/0.4)





Year 2024
Project name:Zhangjiagang Guoxin Shazhou Power Plant Project

Two units 35/10. 5kV,25000kVA oil–immersed transformers
(SZ13–25000/35/10.5)





Reference Project

Year 2023
Project name:Yichang 5. 88MWp Roof Top Distributed Photovoltaic Power Generation Project

One unit 10/0.8kV,1250kVA box type substation (YBM–1250/10/0.8)
One unit 10/0.8kV,1600kVA box type substation (YBM–1600/10/0.8)
Three units 10/0.8kV,2000kVA box type substations (YBM–2000/10/0.8)
One unit 10/0.8kV,2500kVA box type substation (YBM–2500/10/0.8)





Year 2024
Project name:Plot No. 8, Phase II Bank Card Industrial Park (Shuchuangyuan)Project

Two units 35/10. 5kV, 20000kVA dry type transformers (SCZ13–20000/35/10.5)
Two units 10/0. 4kV, 1600kVA dry type transformers (SCB13–1600/10/0.4)
Eight units 10/0. 4kV, 2000kVA dry type transformers (SCB13–2000/10/0. 4)





Reference Project

Year 2025
Project name:Datang Lvsigang Photovoltaic Project









Year 2025
Project name:Yanchang Petroleum Photovoltaic Power Generation Project





Reference Project

Project name:Ethiopian Export Project

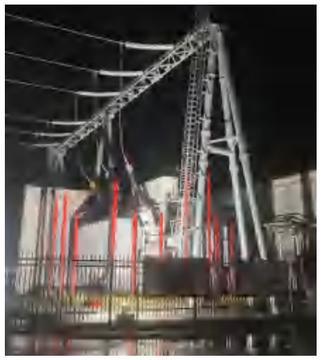






Project name:Power Station Main Transformer Project





Reference Project

Project name:Power Distribution Room Project






Test Transformer and Special Transformer Projects




Reference Project

Project name:Kenya Export Project







Sales Record

Domestic market major transformer sales records in recent years

Product Category	Quantity (units)	Power range	Total capacity range (kVA)
110–220kVoil–immersed power transformer	15	20MVA~110MVA	900000
35kV oil–immersed transformer	120	100kVA~31500kVA	240000
35kV dry–type transformer	300	100kVA~31500kVA	600000
20kV oil–immersed transformer	230	30kVA~10000kVA	1000000
20kV dry–type transformer	280	50kVA~3150kVA	560000
10kV oil–immersed transformer	3000	30kVA~3150kVA	6000000
10kV dry–type transformer	8000	30kVA~12000kVA	38400000

Overseas market main transformer sales records in recent years

country	Quantity (units)	Power (kVA)	Voltage (kV)
Ethiopia	150	1250kVA~6300kVA	33/0.4
Sudan	300	200kVA~300kVA	11/0.433
Kenya	1500	200kVA~1000kVA	33/0.42、11/0.42
Russia	330	63kVA~2500kVA	10/0.4、10/0.23、10/0.475、10/0.65、10/0.67



Business Area

Field of Application

Our products are widely applied in large–scale power stations, wind and photovoltaic farms, urban power distribution networks, industrial parks, commercial and residential buildings, rail transit and other fields.



Leshan Hydropower Station, Sichuan



Datang Yangcheng Power Plant, Shanxi



Dongjiang Lake Data Center, Hunan



Yanting Luoke Petroleum, Sichuan



Yan' anHuanglong Wind Farm, Shanxi

Product Marketing

Centered on Jiangsu, Zhejiang and Shanghai, our company' s sales network covers the whole country. Our clients include State Grid Corporation of China, China Southern Power Grid, the five major power generation groups, large industrial and mining enterprises, key universities and research institutes. Meanwhile, our products are exported to multiple countries and regions such as North America, Europe, Southeast Asia, Africa, and other numerous countries along the Belt and Road.

国家电网公司 STATE GRID CORPORATION OF CHINA
中国南方电网 CHINA SOUTHERN POWER GRID
国家能源集团 CHN ENERGY
中国华能
中国华电集团公司 CHINAHUADIANCORPORATION
中国大唐集团 China Datang Corporation
国家电投 SPIC