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平高集团有限公司
PINGGAO GROUP CO., LTD.

PINGGAO GROUP CO., LTD.





 **Company Profile Catalogue**

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- 2)Introduction of PINGGAO GROUP POWER INDIA PVT LTD4

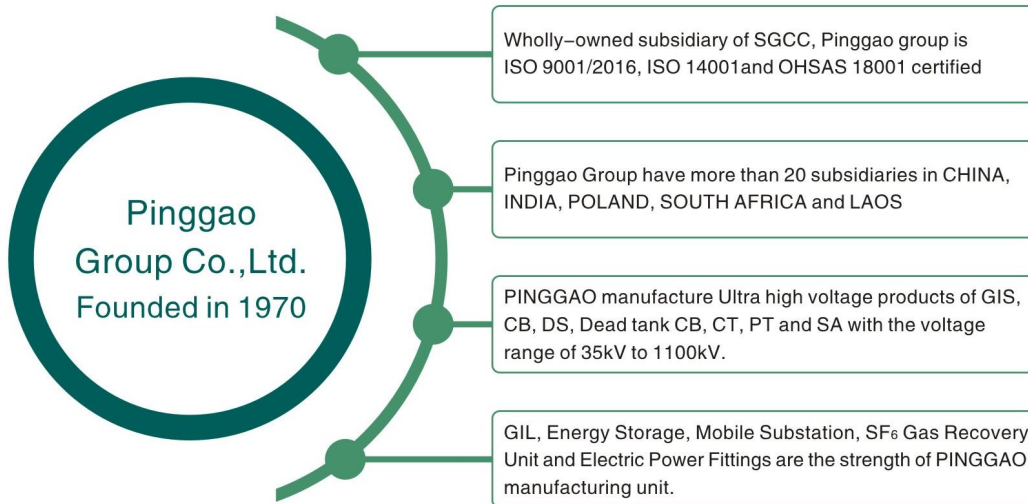
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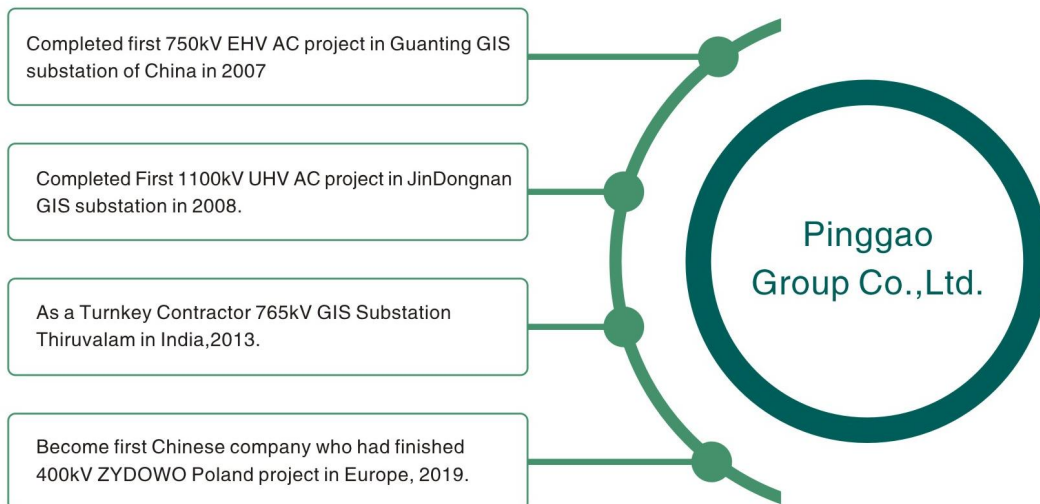


Introduction of Pinggao Group Co.,Ltd.

Introduction to Pinggao Group Co., Ltd.



Achievement's of GIS Products in Power Sector





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Introduction of Pinggao Group Power India PVT Ltd.



Pinggao Group Power India Pvt. Ltd. establishing a factory set up in India with the voltage range of 132kV–765kV GIS product with all kind of testing facility in their manufacturing unit. Factory will be fully functional by June 2020 in Sanand Industrial Park, Ahmedabad, Gujarat, India.

PINGGAO Factory Plan – INDIA





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Introduction of GIS Product

PINGGAO Product Portfolio GIS (Gas Insulated Switchgear)



145kV GIS



252kV GIS



420kV GIS



765kV GIS



800kV GIS

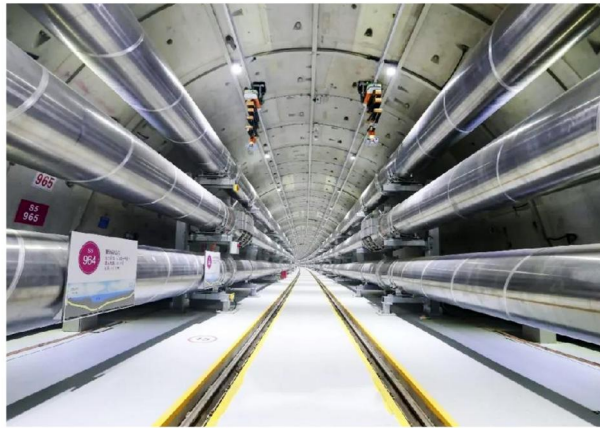


1100kV GIS

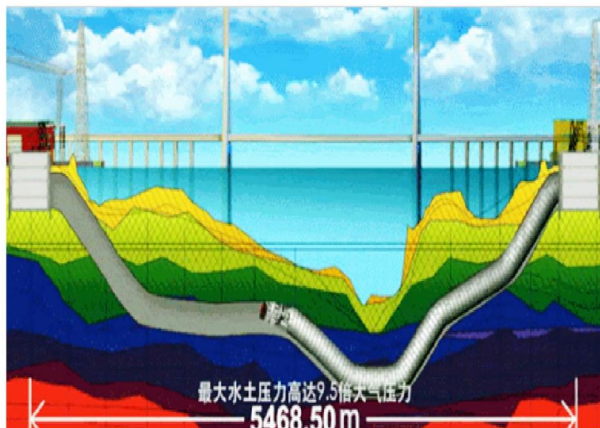
Introduction of GIL Product

Gas Insulated Line

Gas Insulated Line (GIL) is core products of Pinggao with a variety of different ranges from 252kV to 1100kV which can be used in the complex terrain hydropower station, the densely populated city and through the rivers and roads. PINGGAO successfully completed the world's first 1100kV GIL project (crossing the Yangtze river) with their advance technology and automations.



1100kV GIL in Sutong project, Jiangsu Province



Sketch map : 1100kV GIL project through the Yangtze river



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Introduction of GIL Product

Pinggao Supply Record:

Item	Project name	Product
1	Changchun Tiebei 220kV substation	220kV GIL
2	Jinshajiang Guanyinyan hydropower project	550kV GIL
3	Daduhe houziyan 500kV hydropower project	550kV GIL
4	Shanghai Nanqiao 550kV GIL project	550kV GIL
5	Zhejiang Jinhua 500kV convertor station project	550kV GIL
6	Zhengzhou convertor station project	550kV GIL
7	Zhejiang Shaoxing convertor station project	550kV GIL
8	Sichuan Ertanjinping hydropower project	550kV GIL
9	Baoji 750kV substation extension project	800kV GIL
10	UHV 110OkV Nanjing substation project	110OkV GIL
11	Sutongl 10OkV GIL project	110OkV GIL

Part of sales record list



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Introduction of Energy Storage Product

Energy Storage Product

To meet the demand of Power, Pinggao group introduced new energy generation and micro-grid engineering technology which is capable of integrated solutions such as energy storage power station design, core product supply, power station construction, project contracting, intelligent operation and maintenance. PINGGAO provides the service for renewable energy sources connection about frequency adjustment and peak load shifting. PINGGAO offers the high-quality product for mobile box energy storage system and household energy storage system which can be adjust the capacity for emergent power supply and backup power source.



Introduction of Energy Storage Product



Household energy storage system

Input voltage: 220V-420V

Output voltage: 220V-420V

Battery capacity: 30kWh

Feature: safe and waterproof, durable and easy to move.



Mobile box energy storage system



Input voltage:220V-420V

Output Voltage: 220V-420V

Battery capacity: 400kWh

Weight: 7500kg Dimension: 3.6 × 2.5 × 2.6m

Mobile box energy storage system in Yanqing substation, Beijing

Introduction of Energy Storage Product



Box energy storage system in Henan longshan substation for peak load shifting

Pinggao Supply Record:

Item	User name	description	Unit	Quantity
1	Tianjin Rongda heyu new energy resource science and technology Co., Ltd	Micro Grid EPC	Set	1
2	Zhengzhou Hongshun electromechanical equipment installation Co., Ltd	new energy resource	Set	1
3	Beijing Deshian new energy resource science and technology Co., Ltd	Photovoltaic energy storage equipment	Set	2
4	SGCC Henan Province electricity Co., Ltd	100MW Grid battery energy storage project	Set	1
5	Guangdong Province Shunde switchgear Co., Ltd	Energy storage system	Set	1
6	Beijing Yanqing electricity Co.,Ltd	Energy storage substation	Set	1

Part of sales record list

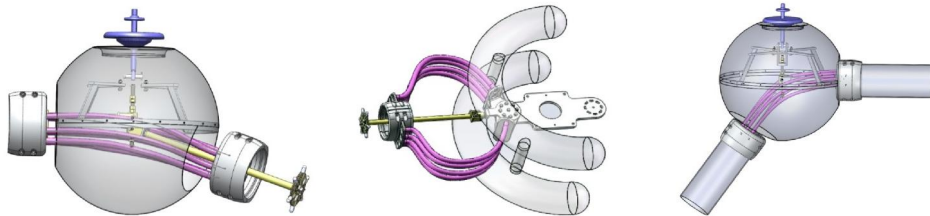


Introduction of Electric Power Fittings Product

Electric Power Fittings

Pinggao has wide experience of developing, designing and manufacturing electric power fittings. Pinggao has EHV AC&DC Electric Power Fittings with the range of 252kV to 1100kV which can be used in HV converter station, valve hall, substation and AC-DC line.

Valve Hall Electric Power Fitting Product

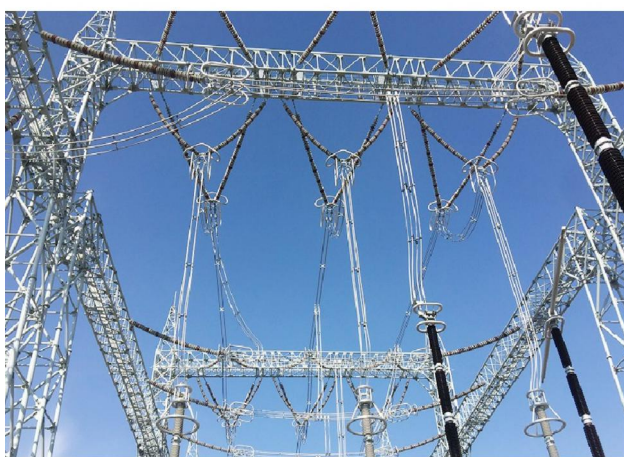


DC Station Power Fittings



Introduction of Electric Power Fittings Product

Electric Power Fitting



± 1100kV Changji converter station
DC station electric power fittings



± 1100kV Changji converter station
Valve hall electric power

Converter station electric power fittings	± 1100kV	Changji project, Guquan project
	± 800kV abroad	Rio Brazil project, Rio Xingu Brazil project
	± 800kV	Lingzhou project, Yibin project, Jiuquan project, Jinhua project, Xiangtan project
Line electric power fittings	± 800kV	Zhaqin project
	± 1000kV	Changgu project
Valve hall electric power fittings	± 1100kV	Changji project, Linyi project, Qingzhou project
	± 800kV abroad	Beautiful mountains Brazil project
	± 800kV	Jiuquan project,
Substation electric power fittings	± 1100kV	Changji project, Linyi project, Qingzhou project
	± 800kV abroad	GDO Brazil project
	± 800kV	Riyue mountain project, Chadamu project

Part of sales record list

SF₆ Gas Recovery Unit

Pinggao Group Co., Ltd. is the largest development and production enterprise of SF₆ gas recovery, cleaning and evacuating devices in China. Our Environmental Technology Division is specialized in developing and marketing recovery, cleaning and evacuating devices of SF₆ gas, as well as providing relevant services.



Workshop of SF₆ gas recovery unit



Central gas supply stations

Pinggao has developed over 40 kinds of products of 5 series, such as SF₆ gas recovery units, evacuating devices, central gas supply stations, cleaning centers and inspection (monitoring) instruments. Many of the products are of international leading or advanced performance in world wide. The products are used in 31 provinces (cities and autonomous regions) in China and also available in over 30 countries and regions of America, Europe, Asia & Africa

Introduction of Electric Power Fittings Product

Sf6 Gas Recovery Unit



Mobile SF₆ gas recovery unit

PINGGAO developed the fastest high-end mobile recovery unit in China which is equipped with a compressor of large displacement imported from Switzerland. At present, only DILO from Germany and Pinggao from Henan are able to manufacture the products with these technical parameters in the world.

Pinggao Supply Record:

Item	User name	Equipment Name	Model	Unit	Quantity
1	Henan Pingzhi High Voltage Switchgear Co., Ltd.	SF ₆ gas recovery device	LH4-20Y/18WG/400	Set	1
2	Xiamen ABB switchgear Co.,Ltd	SF ₆ gas recovery device	LJ-30	Set	1
3	Henan Pingzhi High Voltage Switchgear Co., Ltd.	SF ₆ gas recovery device	LH4-20Y/18WG/400	Set	1
4	Xiamen ABB switchgear Co.,Ltd	SF ₆ gas recovery device	LH-10Y/30G/200	Set	1
5	Xiamen ABB switchgear Co.,Ltd	SF ₆ gas recovery device	LC-J-0805	Set	1
6	Xiamen ABB switchgear Co.,Ltd	SF ₆ gas recovery device	LJ-30	Set	2

Part of sales record list

Mobile Substation

Mobile substations are equipped of integrated equipment (HV equipment transformer, LV equipment) with all substation functions, and can be rapidly transported to the electricity utilization site. After arriving at the site, they can be put into operation after the necessary commissioning and test. They are characterized by tiny workload, strong maneuverability, speediness, reliability and flexibility.

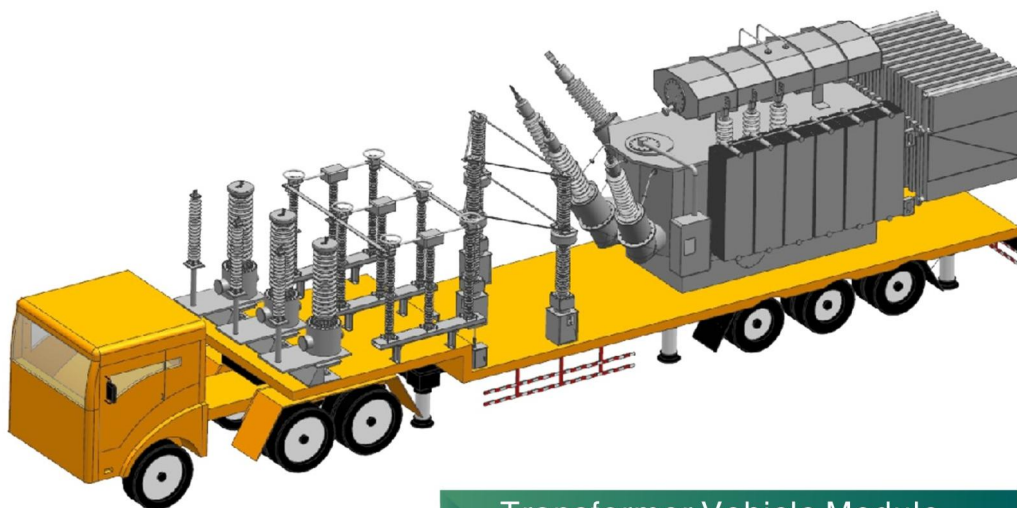




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Introduction of Mobile Substations Product



Transformer Vehicle Module

Input voltage: 35kV — 220kV
Output voltage: 10kV — 24kV
Capacity: 10MVA—50MVA



Distribution vehicle module

Input voltage: 10kV — 35kV
Output voltage: 220V — 420V
Capacity: 5kVA—10kVA



Introduction of Mobile Substation Product

Medium and long term power supply

Substation maintenance



Substation expansion



Fixed substation



Introduction of Mobile Substation Product

Pinggao Supply Record:

Item	User name	Equipment Name	Unit	Quantity
1	Guizhou Hongyuan Group Co.,Ltd	110kV Mobile substations	Set	1
2	SGCC Zhejiang Province Hangzhou power supply Co.,Ltd	110kV Mobile substations	Set	1
3	SGCC Qinghai Province electricity materials Co.,Ltd	Mobile substations	Set	4
4	SGCC Qinghai Province electricity materials Co.,Ltd	35kV Box substation and HV fuse	Set	1
5	SGCC Qinghai Province electricity materials Co.,Ltd	35kV Box substation	Set	1
6	Chongqing fuling electricity Co.,Ltd	10kV Load transfer equipment	Set	1

Part of sales record list



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