

永固集团股份有限公司

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集团简介 | GROUP PROFILE

YONGU Group was founded in 1985. Its products cover power transmission and distribution material products such as power fittings, cable accessories, insulators, copper and aluminum materials, and also transmission and distribution equipment products such as circuit breakers on primary and secondary fusion columns, disconnectors, fuses, and arresters. It is a power transmission and distribution system service provider integrating R&D, manufacturing, sales and services. The company is shortlisted as a Class A supplier of State Grid, China Southern Power Grid, and Inner Mongolia Electric Power.

As a member unit of the National Overhead Line Standards Committee, a member unit of the Electrical Heat Shrinkable Materials Sub-Committee of the National Insulation Materials Standards Committee, and a member unit of IEEE SA, YONGU has participated in 2 international standards, and took a lead and participated in the formulation and revision of GB/T 14315-2008 and other 21 national and industry standards, leading 2 "made in Zhejiang" standards, and assisting State Grid Corporation in formulating the "General Design Standards for 10kV and 35kV Distribution Line Fittings of State Grid Corporation of China", participating in State Grid Corporation of China Typical design of the company's distribution network engineering. YONGU Transmission and Distribution Equipment Research Institute has been identified as a provincial-level enterprise research institute, and its technology center has been identified as a Zhejiang provincial-level enterprise technology center and a provincial-level high-tech enterprise R&D center, and has a provincial-level post-doctoral research station. The Wenzhou-level key innovation team has undertaken a total of 82 projects including the National Torch Plan, provincial-level new product development projects, and city- and county-level science and technology plans, owns 122 national patents, and won 4 municipal-level scientific and technological progress awards. The company has also established extensive industry-university-research cooperation with many well-known domestic universities such as Shanghai University, Xiangtan University and Wenzhou University.

YONGU Electric Power Fittings Laboratory is a nationally accredited laboratory by CNAS. The scope of accreditation involves nearly 80 national standards and 110 testing items, covering nine categories of power fittings. The laboratory has a total area of more than 3,500 square meters, and has introduced German Spectrometer, FEI scanning electron microscope, X-ray digital imaging detection system, optical image detection system, 600kN horizontal tensile testing machine, 300kN vertical tensile testing machine, microcomputer digital display automatic sample injection analyzer, 4000A temperature rise thermal cycle test equipment, 50kV AC high voltage testing machine, metallographic microscope and handheld XRF analyzer, Fourier transform infrared spectrometer and a series of advanced detection equipment.

YONGU has taken the lead in passing ISO 9001 quality management system, ISO 14001 environmental management

system and OHSAS 18001 occupational health and safety management system certification in the same industry. Products are widely used in many industries such as power system, rail transit, energy and chemical industry, mobile communication, etc., and also for "two grids" transformation, west-to-east power transmission, $\pm 800\text{kV}$ upward line, $\pm 800\text{kV}$ Jinsu line, $\pm 800\text{kV}$ Nuozhadu DC project, $\pm 800\text{kV}$ Xi-Zhejiang Line, $\pm 800\text{kV}$ Suxi UHV DC Project, Zarut-Qingzhou $\pm 800\text{kV}$ UHV DC Project, 750kV Yongdeng Transformer Substation, 750kV Baiyin Substation, $\pm 400\text{kV}$ Qinghai-Tibet DC Interconnection Project and 500kV Sudan Danlowe Transmission line project (981 kilometers), Shengli Oilfield Standardization Project, Gulong Oilfield High-yield Well Reservoir Capacity Construction Project, Beijing-Tianjin-Hebei "Coal-to-electricity", "Well-to-well", "Well-to-oil", and also providing high-quality supporting facilities in other key power projects at home and abroad.

YONGU also actively participates in social welfare undertakings. In the fight against the snow disaster in southern China and the Wenchuan earthquake in 2008, the flood in Fujian in 2010, the super typhoon "Ramazon" in 2014, the super typhoon "Meranti" in 2016, and the super typhoon in 2017. In the typhoon "Hato" and the super typhoon "Lekima" in 2019, YONGU actively cooperated with the emergency repair work while donating money and materials to the disaster area. It has successively won the contribution award for snow disaster and disaster relief of China Southern Power Grid and the outstanding contribution award for power restoration of Hainan power grid. In the face of the menacing COVID-19 in 2020, YONGU actively donated masks and other anti-epidemic materials to the National Health Commission and the power grid system.



Shanghai Yonggu Power Equipment Co., Ltd.

Established in 2004
Location: Fengxian District, Shanghai
Building area: 52,000 square meters
Production scope: Ultrahigh-voltage power fitting upto 1100kV



Zhejiang Yonggu transmission and distribution equipment Co., Ltd.

Established in 2013
Location: Lishui Development Zone, Zhejiang
Building area: 100,000 square meters
Production scope: Complete sets of distribution and transformation equipment, transformers, H.V. & L.V. complete sets, disconnectors, fuses, vacuum circuit breakers, insulators, etc

Yonggu Group Corporation Co., Ltd. (head office)

Established in 2011
Location: Economic Development Zone, Yueqing
Building area: 55,000 square meters
Production scope: Power fitting upto 110kV



CABLE LUG (TERMINAL)



DT (Copper)



DL (Aluminum)



DTL (Cu-Al Bimetallic)



SC (Copper)



DTL-2 (Cu-Al Bimetallic)



DTL-2 Square Head (Cu-Al Bimetallic)



BLMT (Torque Tinned Aluminum)



DT-F (Water Proof Cu-Al Bimetallic)



OT (Copper)



Cold-pressed Terminal



Heat Shrinkable Terminal Block



Male Cold Pressed Terminal



DTL-S (Cu-Al Bimetallic)



DT-S (Copper)



DL-S (Aluminum)

CABLE FERRULE



GT (Copper)



GL (Aluminum)



GTL (Bimetallic)



AMB (Torque Tinned Aluminum)

PARALLEL GROOVE CLAMP



APG (Aluminum)



CAPG (Cu-Al Bimetallic)



JBT (Copper)



JBL (Aluminum)



JBTLY Friction Welding (Cu-Al Bimetallic)



JBTLY Copper Inlaid (Cu-Al Bimetallic)



JBTL (Cu-Al Bimetallic)



JB (Aluminum)



MC (Copper)



CCT (Copper)



Insulation Piercing Connector



H Clamp

EQUIPMENT CLAMP



ST (Copper)



SL (Aluminum)



SLG (Cu-Al Bimetallic)



SYG (Cu-Al Bimetallic)



SYT (Copper)



WCJB (Tinned Copper)



SSY (Aluminum)



SBT for Transformer (Copper)

CLAMP



SBG for Transformer
(Cu-Al Bimetallic)



TJT (Copper)



SST for Double Conductors (Copper)



SSY (Aluminum)

SUSPENSION CLAMP



XGU (Steel)



CGB (Aluminum)



CGB (Aluminum)



XGU-F (Steel)

TENSION CLAMP



NLD (Steel)



NLL (Aluminum)



NY (Aluminum)



NELJ (Aluminum)

Aerial Bunch Cable(ABC) CLAMP



MJPT



CPTAU



ES54-14



SM 94



PA 1500



DA 1500



NXJ4-B



SM 81

LINE FITTINGS



Q Ball Eye (Steel)



W Socket Clevis (Steel)



WS Socket Clevis (Steel)



QS Clevis (Steel)



U Clevis (Steel)



UL Clevis (Steel)



ZH Clevis (Steel)



U Bolt (Steel)



PS (Steel)



PH (Steel)



UB (Steel)



P (Steel)



ZS (Steel)



PD (Steel)



Yoke Plate (Steel)



QY/PQ (Steel)



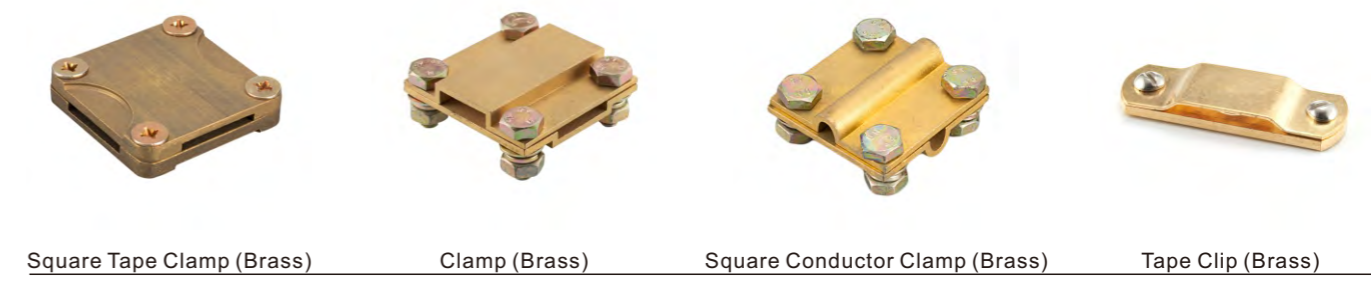
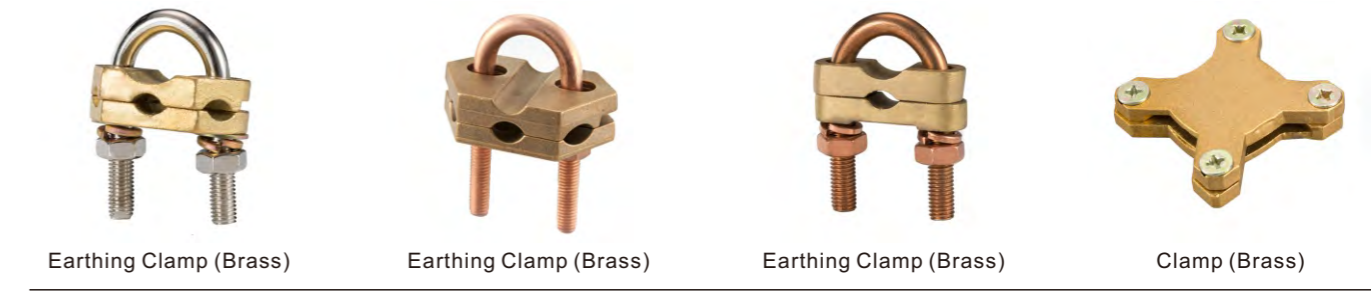
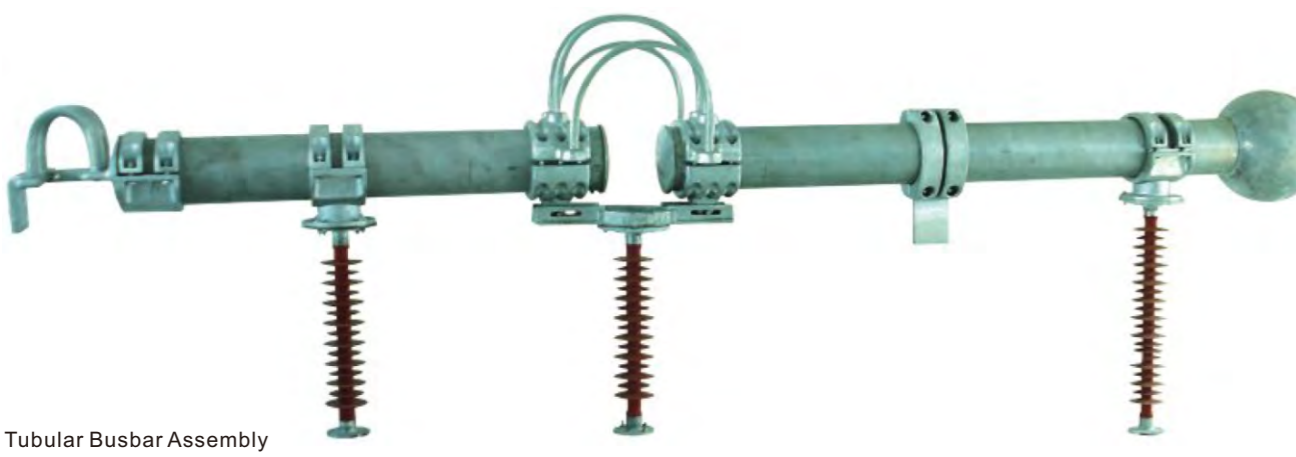
DB (Steel)



GD (Steel)



MRJ Double-Spacer





1kV Cold Shrinkable Termination



15kV Cold Shrinkable Termination



24kV Cold Shrinkable Termination



35kV Heat Shrinkable Termination



35kV Heat Shrinkable Termination



EPR Adhesive Tape



Waterproof Junction Box



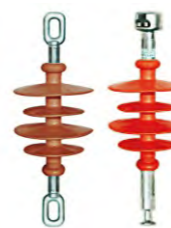
Heat Shrinkable Sealing Cap



Heat Shrinkable Break-out



Cold Shrinkable Intermediate Joints



Polymer Insulator



Polymer Insulator



Polymer Insulator



Grading Ring



Polymer Insulator



Polymer Insulator



Polymer Insulator



Polymer Insulator



Polymer Insulator



Polymer Insulator



Polymer Insulator



Polymer Insulator



Polymer Insulator



Grading Ring



Grading Ring



Glass Insulator



Disc Insulator



Stay Insulator



Post Insulator



Disc Insulator



Mounting Clamp Adapter



Mounting Clamp Adapter



Mounting Clamp Adapter



Cross Arm



Stay rod



Stay rod



Stay rod



UT Clamp



JK Wire Clamp



Stay Base Plate



Pole Clamp



D Clamp

CABLE TIE



Nylon Tie



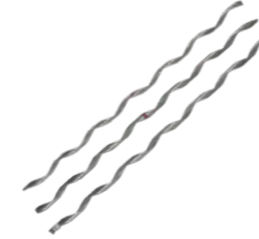
Stainless Steel Tie



Stainless Steel Tie



Suspension Clamp



Preformed Splice Strip



Heart-shaped Thimble



FTTH cable fasteners



Plastic Damper



Residual Cable Rack



Heart Ring



ADSS Anchor clamp



Plastic Downlead Clamp for Pole



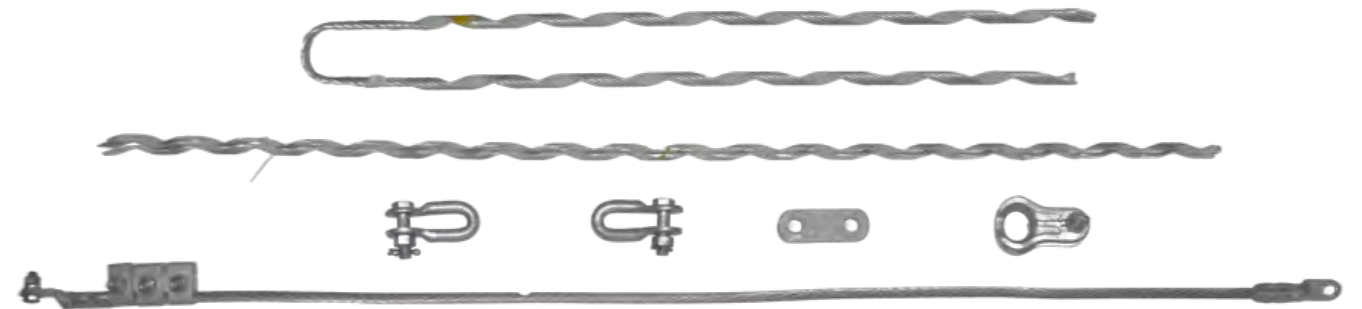
Plastic Downlead Clamp for Tower



Steel Downlead Clamp for Pole



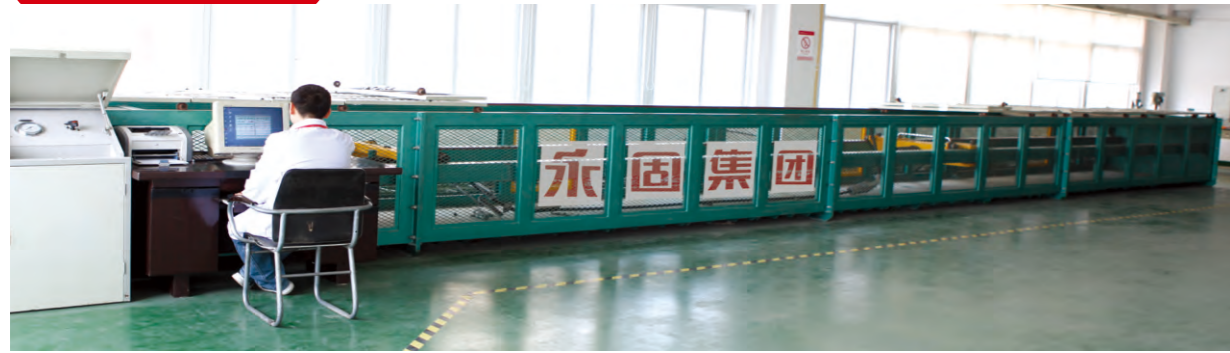
Steel Downlead Clamp for Tower



Preformed Strain Clamp



Preformed Suspension Clamp



Horizontal & Vertical Tension Test



Metallurgical Microscope



10kV Distribution Line Simulation Tower



Microcomputer Controlled Electro-hydraulic Servo Universal Testing Machine
Microcomputer Controlled Electronic Universal Testing Machine



X-ray Digital Imaging Inspection System



① Spray Electric trace Resistance Tester
② High & low Temperature Test Chamber
③ Xenon Lamp Aging Test Chamber



Stationary Metal Analysis Spectrometer

Domestic leading high-temperature casting robot, high-pressure and low-pressure casting machine (maximum tonnage 800t), forging press (maximum tonnage 1000t), profile extrusion machine (maximum tonnage 1250t), CNC pipe bending machine (maximum diameter 130mm), high-performance punch (maximum tonnage 400t), medium frequency aluminum furnace, CNC flame cutting machine More than 6000 sets of cutting-edge equipment such as medium frequency vacuum heat treatment equipment, CNC universal turning (milling) machines, CNC machining centers and automated three-dimensional warehouses have laid a foundation for ensuring the high quality of products.



High Temperature Casting Robot



Automatic CNC Lathe



Centralized Smelting Furnace



Automatic Injection Molding Machine



Automatic packaging production line



Low pressure casting



Press workshop



250 ton automatic punch