

Outline of Our Products

(I) Power Station

- a) Generators :
Synchronous generators up to 150,000 kVA.
Direct current generators up to 10,000 kW.
Other all kinds of generators.
- b) Water Turbines & Pump Turbines :
Francis type, Pelton type, Kaplan type turbines and pump turbines up to 150,000 kW.
- c) Steam Turbines up to 150,000 kW.
- d) Gas Turbines :
Closed-cycle type up to 50,000 kW.

(II) Nuclear Reactor

Power Reactors, Experimental Reactors, Sub-critical Assemblies.

(III) Transmission & Distribution

- a) Transformers :
Power transformers up to 300 MVA, 480 kV.
Furnace transformers up to 60 MVA, 154 kA.
Measuring transformers up to 287 kV.
Other all kinds of transformers.
- b) Standard Transformers (for general use), Single-phase & Three-phase Distribution Transformers from 3 kVA to 1000 kVA
- c) Rotary Condensers up to 75,000 kVA.
- d) Static Condensers.
- e) Circuit Breakers :
Expansion circuit breakers up to 287 kV.
Oil circuit breakers up to 154 kV.
- f) Switchboards :
Sheet iron made switchboards for all kinds of service
- g) Switch Equipment :
Disconnecting switches up to 480 kV.
- h) Induction Voltage Regulators up to 1000 kVA.
- i) Lightning Arresters up to 161 kV.

(IV) Rectifier

- a) Mercury-arc Rectifiers :
Single-anode or multi-anode type, air-cooled pumpless up to 6,000 A.
- b) Selenium Rectifiers.
- c) Silicon Rectifiers.
- d) Rotary Converters up to 3000 kW, 1500 V.

(V) Motor & Application

- a) Motors :
Three-phase synchronous motors up to 150,000 kW.
Three-phase induction motors up to 10,000 kW.
Three-phase commutator motors up to 300 kW.
Direct current motors up to 10,000 kW.
Other all kinds of motors.
- b) Standard Motors (for general use):
Three-phase squirrel cage motors from 0.4 kW to 75 kW.
Three-phase wound motors from 20 kW to 75 kW.
Single-phase split-phase start induction motors, 100 & 200 W.
Single-phase repulsion start induction motors from 200 to 750 W.
Single-phase condenser start induction motors from 200 to 750 W.
- c) Ventilating Fans for radial & axial type.

- d) Mine Winder Set for vertical shaft & inclined shaft
- e) All kinds of Winches for cargo boat use.
- f) Steering Engines for boat use.
- g) Fuji-Voith Schneider Propellers.
- h) Torque Converters.
- i) Steam Converting Valves.

(VI) Control

- a) Regulating Apparatus :
Motor starters, controllers, speed regulators, voltage regulators & other regulating apparatus for all kinds of service.
- b) Circuit Breakers :
Air circuit breakers up to 500 V, 3000 A.
High speed air circuit breakers up to 1500 V 6000 A.
- c) Switch Equipment :
Knife switches, magnetic switches & other all kinds of switch equipment.

(VII) Instrument

- a) Watt-hour Meters :
Single-phase WHM for low tension circuit use.
Three-phase WHM for low & high tension circuit use.
- b) Relays :
All kinds of relays for power & industry use.
- c) Electric Measuring Instruments :
Switchboard meters, portable type meters, precision meters, recording meters, telemetering & telecontrolling equipment.
- d) Industrial Measuring Instruments :
Thermometers, pyrometers, gas analysers, hydrometers, salinometers, pH meters, pressure gauges, flow meters (for water, steam, gas & air), level meters, indicators and recorders.
- e) Automatic Controlling Equipment :
Electro-pneumatic controllers for temperature, pressure, flow, liquid level etc., ratio controllers for gas & liquid mixing.
Magnetic controllers, electrical indicating controllers with on-off contacts.

(VIII) Radiation Equipment

Linear accelerators, synchrotron, Cockcroft-Walton type DC high voltage generators.

(IX) Household Appliances

- a) Electric Washing Machines & Spin Dryers.
- b) Vacuum Cleaners.
- c) Electric Refrigerators.
- d) Electric Fans.
- e) Air Conditioners.
- f) Transistor Radios.
- g) Tape Recorders.
- h) Television Sets.
- i) Stereo Players.
- j) Electric Juicers.
- k) Toasters, Hot Plates & Irons.
- l) Heating Apparatus :
Electric foot warmers, bed warmers, body warmers, electric stoves etc.
- m) Electric Home Pumps for deep or shallow well.
- n) Dry Batteries.
- o) Flash Lights & Gas Lighters.
- p) Electric Illuminating Apparatus.