

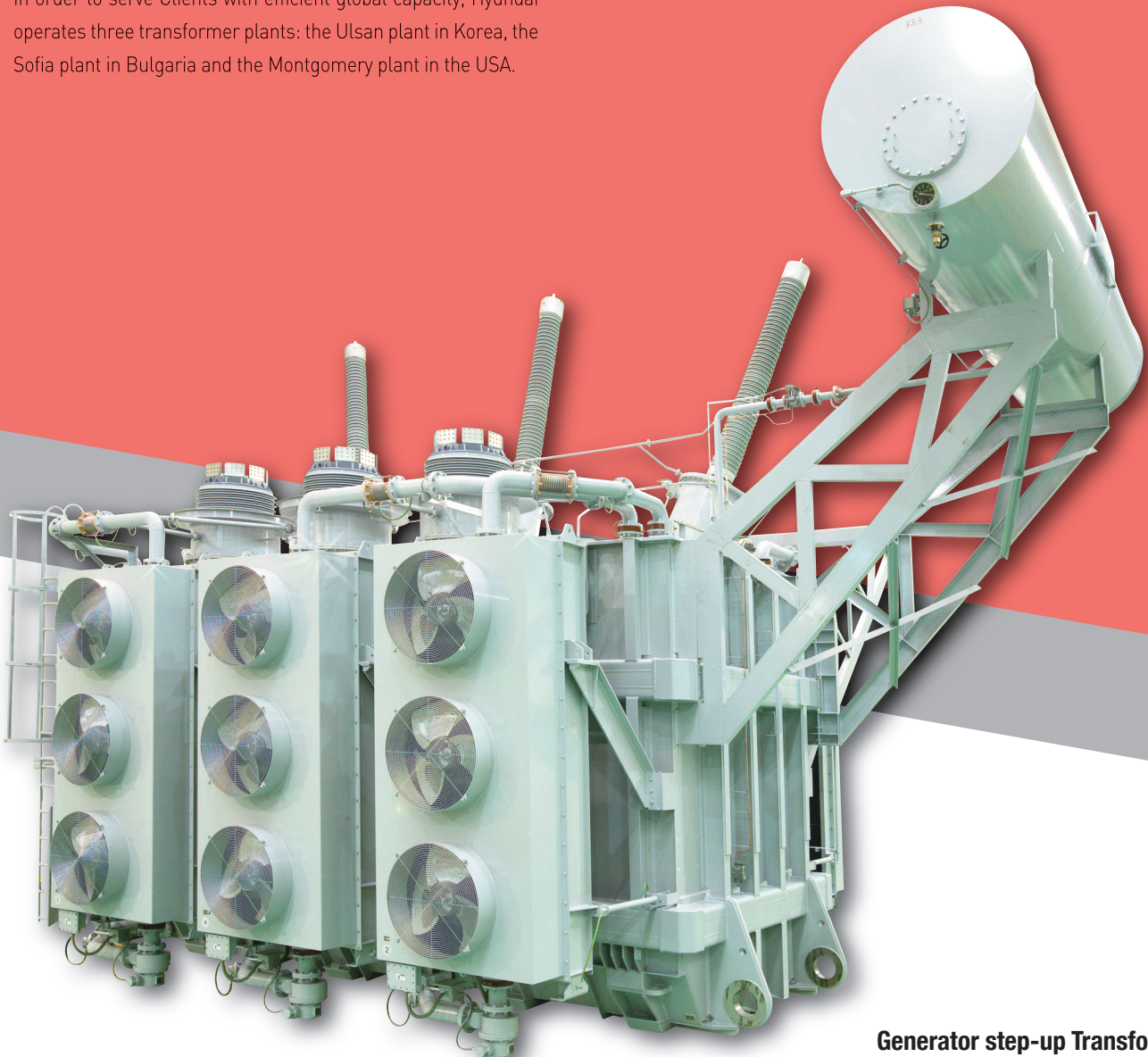
Power Transformer

Hyundai Power Transformer

Founded in 1977 for the production of transformers, Hyundai has grown to be the leading global manufacturer. Hyundai's goal is to produce power and industrial transformers of the highest quality and reliability. Hyundai transformers are designed to satisfy the most varied and sophisticated technical requirements. Over the past 30 years Hyundai's reputation has been earned from our Clients and our transformers' excellent performance. In order to serve Clients with efficient global capacity, Hyundai operates three transformer plants: the Ulsan plant in Korea, the Sofia plant in Bulgaria and the Montgomery plant in the USA.

Prominent Features and Benefits

- Suitable for any site conditions
- Keeping sufficient supply record for end-users worldwide
- Eco-friendly Design product with low loss, low noise and compact design
- High reliability and long service life
- Easy maintenance and On-time delivery



Generator step-up Transformer
(3 ϕ 400/120/33kV 500MVA)



Standards

Hyundai Transformers have been supplied and tested in accordance with worldwide classification societies such as IEC, NEMA, DIN, CSA, IS, KS, JIS, and IEEE, JEC for industrial application and Lloyd, ABS, DNV and KR for marine use as well.

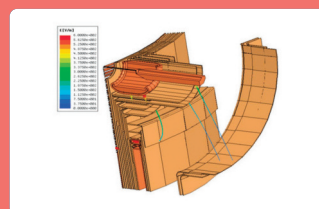
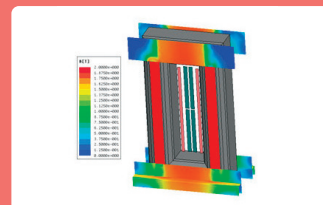
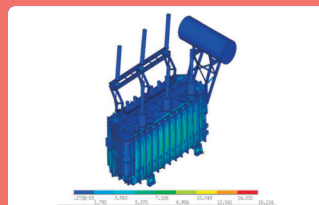
Design

Hyundai utilizes the most modern transformer design technology to meet the clients's various requirements and international or national standards of IEC, ANSI, NEMA, CSA, BA, AS, etc.

The computer program utilized by Hyundai calculates the radial force, axial force and winding spacer after taking into account any possible case of a short-circuit fault which may occur in service.

Hyundai performs seismic analysis through calculations and computer programs to ensure the transformer has the capability to withstand the seismic condition.

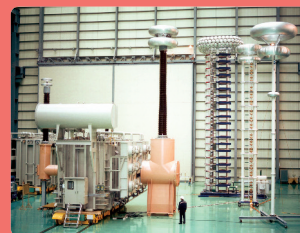
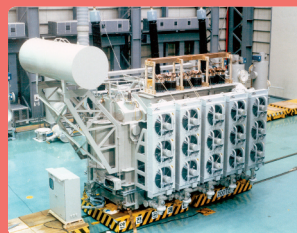
Hyundai operates three renowned in-house research institutes: HEMRI (Hyundai Electro-Mechanical Research Institute), HIRI (Hyundai Industrial Research Institute) and HMRI (Hyundai Maritime Research Institute) as well as an oversea institute (H-TEC) in Hungary.



Application

We are offering the complete range of transformer for power plant, transmission and distribution, and various industrial sectors.

- Generator step up transformer
- System network transformer
- Distribution transformer
- Special purpose transformer
- Gas insulated transformer
- Dry type & cast resin transformer



Quality Assurance

We are dedicated to supplying the best quality products and services to our clients. We have developed our quality assurance program as required by the International Organization for Standardization (ISO) in order to assure that HHI products are designed, manufactured, inspected, tested and delivered in the most efficient manner.

Production Range

- Annual production capacity : 120,000 MVA
- Production voltage : up to 800 kV
- Production capacity : up to 1,500 MVA (3Phase), up to 750MVA (1Phase)