

# Power Transformers

**CORE FORM TRANSFORMERS  
115 TO 345KV – UP TO 500 MVA**

**SHELL FORM TRANSFORMERS  
115 TO 765KV – UP TO 3000 MVA**



# GAIN POWER TRANSMISSION EFFICIENCY & RELIABILITY WITH MEPPI TRANSFORMERS

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**You want to enhance the quality of electric power. So do we.**

*Mitsubishi Electric Power Products, Inc. (MEPPI) is known for focusing our efforts on providing a high-quality product to our customers. For over 100 years, Mitsubishi Electric has provided Power Transformers for energy transmission and distribution systems throughout the world.*

## **THE IMPORTANCE OF POWER TRANSMISSION EFFICIENCY**

Power Transformers are critical for maintaining high efficiency in power systems. They minimize energy losses during voltage step-up and step-down processes, ensuring efficient long-distance transmission. Improved transformer designs, including advanced materials and cooling techniques, enhance efficiency by reducing heat generation and electrical losses. High-efficiency transformers contribute to lower operating costs, reduced environmental impact, and increased reliability of the power grid. By optimizing power transfer, they play a pivotal role in achieving sustainable energy goals and ensuring consistent, reliable electricity supply to consumers.



## UNMATCHED RELIABILITY

MEPPI has extensive experience and global reach, increasing the grids' reliability and efficiency in energy supply. Our Power Transformers are meticulously developed with one primary purpose: to add value to the customer. They are the result of a firm commitment to innovation, the adoption of new technologies, and a highly experienced and capable engineering team.

Power transformers offer significant benefits to customers by ensuring a reliable and stable electricity supply. They reduce energy losses, leading to lower utility costs for consumers. By maintaining consistent voltage levels, they protect utility and industrial customers from damage due to voltage fluctuations. Efficient power transformers also support the integration of renewable energy sources, promoting sustainable energy usage. Overall, these transformers enhance the quality and reliability of electric power, resulting in fewer outages and better service for utility, commercial, and industrial customers.

### Power Transformers Key Features & Benefits

- ◆ Robust structure to guarantee the durability and efficiency of the equipment in the most severe conditions.
- ◆ Manufactured according to the specific needs of each customer.
- ◆ Ideal for several applications, including electric generation and electric transmission utility companies.
- ◆ Support renewable energy integration by adapting variable outputs from solar and wind farms to the grid's requirements.
- ◆ Can be equipped with either off-load or on-load tap changers for flexibility.
- ◆ Extended warranty and long-term service agreements are available.

## AN ONGOING PARTNERSHIP

*MEPPI is committed to the success of your project.*

### On time, every time

We'll work with your team to select from a range of high-quality components to meet your design requirements and all delivery and installation deadlines.

### Comprehensive training programs

We make sure your team has the necessary skills to operate the system effectively.

### Rigorous testing and commissioning

We ensure the transformers operate at peak performance and maximum efficiency.

### Full-warranty wrap and long-term service and support

After installation, our dedicated support team will provide ongoing monitoring, warranty coverage, and exceptional after-sales service and support.





# MITIGATE YOUR POWER TRANSMISSION PROBLEMS: DISCOVER THE RELIABILITY OF MEPPI TRANSFORMERS

We're ready to work with you to solve power transmission efficiency.

Visit [meppi.com/transformers](https://www.meppi.com/transformers) or scan the QR code below



*Mitsubishi Electric Power Products, Inc.* serves the North American power systems, rail transportation, and large visual display markets with electrical and electronic products, systems and services. The products offered include gas circuit breakers, vacuum circuit breakers, power transformers, gas-insulated substations, power electronics and electricity transmission technologies including high voltage DC, battery energy storage systems, generator services, nuclear power plant control systems, uninterruptible power supplies, rail transportation equipment, and high-definition LED displays for sports, commercial and retail installations. For more information and to learn more, visit [www.MEPPi.com](http://www.MEPPi.com).

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