

Our Solution. Your Transformers.

Multi Voltage Transformers

- Oil immersed & Dry-type (Cast Resin)
- Standard ratings: 1.6, 2.5, 3.15 and 4.0 MVA
- Suitable for standard grid voltages between 3175 V and 34.6 kV (50 Hz)
- Both 50 and 60 Hz operation

Reference Standards

- IEC 60076-1

Multi Voltage Transformers

The multi voltage transformer, also called multi tap transformer, is a transformer which is especially designed to operate at different grid voltages with a fixed secondary voltage. The various primary voltages are achieved with tapped windings connected to off-circuit tap changers.

The tap changers are used to change both the internal winding connection and to regulate the fine tuning of the tapped windings. This kind of design provides a compact and overall cost efficient solution that can be used on the world wide market with many different grid voltages.



Designed for Continuous Operation under Extreme Conditions

The multi voltage transformer is an ingenious design in itself, but that's not all. A typical multi voltage transformer is in general being transported and handled far more times compared to transformers permanently installed. The multi voltage transformers will also often operate in remote areas under continuous heavy load (GSU - Generator Step-Up) and sometimes in areas with high ambient temperatures.

Our multi voltage transformers are electrically, thermally and mechanically reinforced and designed to cope with the stress and stains that may occur during transport and in operation.

Customer Base

Our multi voltage transformers can be used as fixed installation at power generation companies, electrical utilities or at any industry. The full benefits of the multi voltage transformers are perhaps best utilized in following customer segments:

- Emergency services
- Rental power projects
- Temporary or fast track power generation projects
- Test facilities using various voltage levels
- Transformer stockists on markets with several different voltage levels

Our Benefits

- Standard design that can be used for several markets with different grid voltages
- Provides the most commonly used voltage levels both in 50 and 60 Hz operation
- Designed according to international standard IEC
- Certain amount of standard design with delivery from stock
- Multiple units with short time of delivery
- Flexible - upon request custom-made design to meet specific requirements



BTB Plaza has served as the marketplace for transformers since 2004. Our Finnish entrepreneur-driven company is known for its speed, flexibility and reliability.

BTB plaza

The Transformer Marketplace

BTB PLAZA LTD
Choraesgatan 13
68600 JAKOBSTAD
FINLAND
www.btbplaza.com