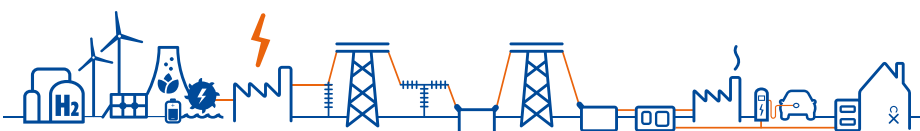


LIQUID FILLED POWER TRANSFORMERS FOR WIND TURBINE APPLICATIONS



SBG GMBH AT A GLANCE

SBG manufactures transformers for applications worldwide. Sales and service centers on all continents ensure optimum processes. Our products meet the requirements of applicable national standards.



PRODUCTS

- Oil or ester filled transformers
- Arc suppression coils
- Earthing transformers
- Neutral earthing transformers

HEALTH AND SAFETY, QUALITY AND ENERGY MANAGEMENT

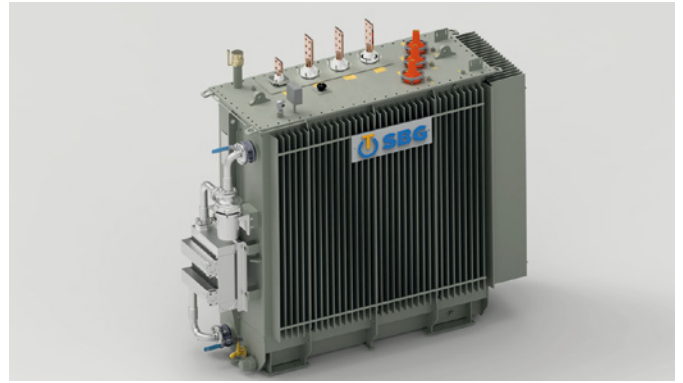
SBG is certified in accordance with:

- DIN EN ISO 9001
- DIN EN ISO 14001
- DIN EN ISO 45001
- DIN EN ISO 50001



Core, winding, assembly and housing: these four components and production steps (in-house) are what characterizes our oil distribution transformers.

We possess welding certification required by Deutsche Bahn (German Railways). Our own quality check points guarantee a maximum quality level. All operational procedures are controlled via an ERP system.



CUSTOMIZABLE RANGE

ELECTRICAL:

- ECO Design 2021
- On-load tap-changer with MR ECOTAP VPD III 100
- Rated power: up to 20,000 kVA
- Voltage level up to 72.5 kV
- Insulation class up to H
- Three-phase two or multi-winding designs

MECHANICAL:

- Various tank designs to meet space requirements
- Slim design for steel towers
- Inside and outside tower applications
- Bottom or nacelle applications
- Various cooling types available (ONAN, KNAN, KFAF, KFWF)
- Fully touch-safe IP 54
- Max. weight up to 40 t

ENVIRONMENT AND FIRE SAFETY:

- Natural and synthetic esters as insulation liquid

PRODUCT PORTFOLIO FOR WIND APPLICATIONS

We manufacture liquid filled transformers specially designed for service with wind turbines in accordance with DIN EN 60076-16.



Experience since 1947
Experience in wind since 2005

Total production of liquid filled transformers in Neumark over 260,000 pcs since 1993.
Special design for wind power applications 8,500 pcs

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