

DISTRIBUTION TRANSFORMERS

10 kVA - 8.4 MVA, 120V - 69,000 V



Utilities



Gas & Oil



Substations



Industrial



Data Centers



Mining

EFFICIENT ENERGY DISTRIBUTION

SGB-SMIT USA offers state-of-the-art distribution transformers built to your exact specifications for every industry. Engineered to deliver reliable, efficient power where it matters most. Built with advanced technology & durable materials, we ensure consistent performance, reduced energy losses, & long-term dependability for today's demanding electrical networks.

DESIGN TYPES



CUSTOM

- Cover-mounted bushings
- Custom orientations & enclosures
- Multi-tap 50 voltage settings



PADMOUNT

- Tamper-proof design
- Primary & secondary bushings enclosed in full-height cabinet
- Front facing



SUBSTATION

- Primary & secondary bushings mounted on opposite ends, enclosed in either cabinets or flanges



POLE-MOUNT

- Custom orientations & enclosures
- Multi-tap design



SGB-SMIT-USA.COM

Worldwide shipping & services from our shops located in Oklahoma.

RATINGS

- Single phase 10 - 2,000 kVA
- Three phase 30kVA - 8.4 MVA
- 120 - 34,500 V primary & secondary
- 50 / 60 Hz
- 45 - 75°C temperature rise

CERTIFICATIONS

- UL & cUL certified
- IEEE C57.12.00, C57.12.90, C57.12.34
- Department of Energy 10 CFR 431.193
- Hazardous locations

DESIGN FEATURES

STANDARD

- Welded tank design with accessible lid
- Anodized aluminum & stainless steel nameplate with vector diagrams
- Externally operated no-load tap changer
- Drain valve with sampler [500 kVA & above]
- Upper fill plug
- Pressure relief device [automatic resetting type]
- Liquid level gauge [750 kVA & above]
- Liquid temperature gauge [750 kVA & above]
- Type II mineral oil insulating fluid

OPTIONAL

- SURE system [live oil sampling]
- Natural ester insulating fluid
- Dead-front bushings
- Integrated or external fusing
- Gland plate cutouts
- CT/PT transformers
- Surge arresters
- DGA monitor
- Pressure vacuum gauges
- Gauges with electrical contacts, & control box
- Corrosion-resistant finishes
- Custom paint colors
- Winterized gasket package



APPLICATION TYPES

SUBSTATION

- Primary & secondary bushings mounted on opposite ends, enclosed in either cabinets or flanges

SINGLE-PHASE POLE-MOUNTED

- Round tank design
- Cover-mounted bushings

STAND-ALONE STEP-DOWN

- Customized to specific utility requirements
- Integrated primary & secondary protection

SINGLE/THREE PHASE PADMOUNT

- Custom orientations & enclosures
- Multi-tap design

SPECIAL APPLICATIONS

- Extreme & corrosive environments [stainless steel construction, corrosion-resistant finishes]
- VFD, high harmonics, & phase-shifting [high K factor]
- Dual-primary & dual-secondary
- High-frequency designs

READY TO WORK WITH US?
REQUEST A QUOTE TODAY!

