

SGB-SMIT USA

DISTRIBUTION TRANSFORMERS

10 kVA - 8.4 MVA, 120 V - 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/DISTRIBUTION-TRANSFORMERS

Worldwide shipping & services from our shops located in Oklahoma.

RATINGS

- Single phase 10 - 2,000 kVA
- Three phase 30 kVA - 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



APPLICATION TYPES

SUBSTATION

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

SINGLE-PHASE POLE-MOUNT

- 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

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

READY TO WORK WITH US?
REQUEST A QUOTE TODAY!

SGB-SMIT USA

DISTRIBUTION TRANSFORMERS
Oklahoma City, OK | 405.733.4700