



**Southwest  
Electric Co.**



## Custom Distribution Transformers

Southwest Electric Co. offers state-of-the-art distribution transformers built to your exact specifications for every industry. For 75 years and counting, our mission remains to make your power our priority, with all products fully designed and built in the USA.



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REQUEST A QUOTE**

### Design Types



#### Custom

Cover-mounted bushings, custom orientations and enclosures



#### Padmount

Tamper-proof design with primary and secondary bushings enclosed in full-height cabinet, facing front



#### Substation

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

**[SWELECTRIC.COM/CUSTOM-TRANSFORMERS](https://www.swelectric.com/custom-transformers)**

[sales@swelectric.com](mailto:sales@swelectric.com) | 833.YOUR.SWE

## Ratings

- ▶ Single phase 37.5-2,000 kVA
- ▶ Three phase 75-7,500 kVA
- ▶ 208-34,500 V primary & secondary
- ▶ 50 & 60 Hz
- ▶ 45-75°C rise

## Certifications

- ▶ UL and cUL certified
- ▶ IEEE C57.12.00, C57.12.90, C57.12.34
- ▶ Department of Energy 10 CFR 431.193



## Design Features

### Standard

- ▶ Welded tank design with accessible lid
- ▶ Anodized aluminum nameplate with vector diagrams
- ▶ Externally-operated no-load tap changer
- ▶ Drain valve with sampler (500 kVA and above)
- ▶ Upper fill plug
- ▶ Pressure relief device (automatic resetting type)
- ▶ Liquid level gauge (750 kVA and above)
- ▶ Liquid temperature gauge (750 kVA and 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
- ▶ Current and/or potential transformers
- ▶ Surge arresters
- ▶ DGA monitor
- ▶ Pressure vacuum gauges
- ▶ Gauges with electrical contacts and control box
- ▶ Corrosion-resistant finishes
- ▶ Custom paint colors
- ▶ Winterized gasket package

## Application Types

### Substation

- ▶ Primary and 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 and/or secondary protection

### Padmount

- ▶ Custom orientations and enclosures

### Special Applications

- ▶ Extreme and corrosive environments (stainless steel construction, corrosion-resistant finishes)
- ▶ VFD, high harmonics, and phase-shifting (high K factor)
- ▶ Dual-primary and/or Dual-secondary
- ▶ High-frequency designs



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