

PAD-MOUNTED DISTRIBUTION TRANSFORMERS



Power Partners' pad-mounted distribution transformers are designed, built and tested per ANSI/IEEE C 57.12, NEMA and DOE 2016 standards. Our transformers are RUS Certified, and built to allow safe, reliable operation in underground electrical distribution networks. Designed to be installed in radial or loop feed distribution systems, our transformers can be configured to meet specified switching and protective requirements.

Ratings

- Single Phase – Up to 100 kVA
- Primary voltages up to 25 kV, 125 kV BIL
- Secondary voltages up to 480/240 Volts, 30 kV BIL
- Cooling types - ONAN and KNAN



Power Partners, Inc.

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Standard Features

- Crowned tank with provisions for lifting
- Tamper proof hinged door
- Captive Penta head door locking bolt
- Removable sill
- Parking stand for load break primary connector
- HV Bushing wells for dead front connectors
- Low voltage stud type bushings
- Automatic pressure relief device
- Mineral oil filled
- Tank grounding provisions
- ½" NPT Fill Plug and Drain Plug
- Bayonet Fuse coordinated with Isolation Link

Optional Features

- 304L stainless steel or combination stainless/mild steel construction
- Bayonet fuse coordinated with partial range current limiting fuse
- Secondary breaker and coordinated internal primary fuse
- No-load tap changer
- FR3 fluid
- Drain valve
- Internal Fault Detector
- Ground connectors

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