

## Polemount

All VanTran Polemount Transformers feature sealed tank construction and conform to NEMA and ANSI C57.12 standards, where applicable. Our Polemounts are designed and built one at a time for your specific application. As a result, VanTran can manufacture custom units with an endless array of voltages, frequencies, and configuration variations.

VanTran Polemount Transformers feature round tanks made with hot rolled pickled dry sheets and heavy gauge bottoms and covers. The high domed cover is retained with a one-piece band clamp and stainless-steel bolts and sealed with a nitrile cover gasket. Sizes are available up to 1000 kVA and 200 kV BIL. Square "Platform Style" units are also available and are made to the same exacting standards as our substation designs. Platform Styles are available in sizes up to 3750 kVA and 200 kV BIL.

High voltage cover mounted bushings are wet process porcelain with connectors suitable for copper or aluminum. Low voltage bushings are typically side-mounted and feature porcelain or epoxy construction, depending on application. VanTran offers a variety of eyebolt or spade terminals to fit your needs.



## Submersible

VanTran Submersible Transformers feature a sealed tank construction and conform to NEMA and ANSI C57.12 standards, where applicable. Our Submersible units are designed and built one at a time for your specific application. As a result, VanTran can manufacture custom units with an endless array of voltages, frequencies and configuration variations.

VanTran Submersible Transformers feature mild steel or 304L stainless steel tanks (316L available) with welded on covers and are painted with a heavy tar-like coating to prevent corrosion.

High voltage bushings are top mounted-dead front epoxy wells with inserts. Low voltage bushings are also top-mounted and come standard with spade terminals. Fusing is accomplished under oil with non-load break canister fuses interlocked to an on-off safety switch.

VanTran custom makes all of our Submersible Transformer radiators in house of 3/16" steel to ensure our units will withstand the challenging, high moisture environments inherent in vault installations.



## Multi-Tap Substation Transformer

VanTran Transformers offers specially designed liquid-filled transformers for use in the generation and rental power industries. They are also well suited as "Universal" Spares for industrial plants with various distribution voltages and legacy systems.

Multi-Tap units are available in sizes up to 7000 kVA and are designed for step up or step down with low voltages to a selectable range of output medium voltages ranging from 2400V to 25kV and selectable delta or wye connections. They feature especially rugged construction well-suited to the demands of the rental power market, where frequent movement and shipping is the norm.

Versions of this transformer are in wide use by many of the leading rental power dealers. We fabricate all units to meet your exact needs of your rental power fleet.

Sizes Ranging up to 7MVA with 8 low voltage bushings. Voltage and Delta/Wye connection selections are provided with multiple external off load tap changers, dual voltage and Delta-Wye switches.

### High Voltages

- 2400 Delta
- 6928 Delta
- 7200 Delta
- 7620 Delta
- 7970 Delta
- 8320 Delta
- 4160GrdY/2400
- 12000GrdY/6928
- 12470GrdY/7200
- 13200GrdY/7620
- 13800GrdY/7970
- 14400GrdY/8320
- Others available to 25kV

### Low Voltage

- 480Y/277
- 480 Delta
- Dual Selectable 480Y/277 X 600Y/346
- Dual Selectable 480Y/277 X 380Y/220
- Ask the factory for other voltages available

### Numerous Options Available Including:

- Other high and low voltage ranges
- Dual 50/60 Hz
- Forklift Pockets
- Protective Cage
- Forced Air Cooling Fans
- Envirotemp FR3 Fluid
- Gauge and Switch Guards
- Specialty Paint Colors

