

2500/3125 kVA SECONDARY UNIT SUBSTATION TRANSFORMER - three phase, OIL (type 2) filled, 65 degree C rise, ONAF (240 VAC single phase fan voltage), 60 HZ, ALUMINUM windings, 30°C average ambient. High voltage 12470Y/7200delta/wye X 4160Y/2400delta/wye, 95 kV BIL, with 14400-13800-13200-12470-12000-4160x8320-7970-7620-7200-6928-2400 taps, and 5.75% nominal (5.32% - 6.18%) impedance. Low voltage 600Y/346 & 480Y/277 (XO bushing with ground strap), 30 kV BIL. Four hole spade high voltage bushings in full length terminal cabinet on left side. Two sets of low voltage bushings in full length terminal cabinet on right side. Customer specified paint color.



ACCESSORIES:

- 5 position tap changer for de-energized operation
- Delta wye switch
- Dual voltage switch
- Thermometer with 2 Form-C contacts
- Auxiliary wiring cabinet
- Liquid level gauge
- Pressure vacuum gauge with bleeder valve
- Gas sample valve
- Non-PCB label
- 1 inch drain valve and sampler
- Pressure relief valve
- Standard industrial enamel paint with one quart touch up paint
- UL label
- Jacking bosses
- Built to CSA C88 standard
- Braced for mobile skid mounting
- Cam Mounting Panels with Threaded Stud CL Connectors on LV
- Designed for step up operation
- 2" Tube steel frame w/ lift eyes and fork pockets



Notes:

- All cable, lugs, braided flex connectors, arresters, termination kits etc., to be by other(s).
- Pacific Crest transformer(s) are designed, manufactured and tested per applicable ANSI/IEEE and NEMA Standards and are suitable for outdoor operation.
- US UL label will be provided.
- Transformers are designed, manufactured and tested to applicable CSA Standards. Transformer will have standard losses, efficiency and dimensions.
- In order to stay within dimensional requirements for shipment by truck, some parts may be shipped separately and require installation, by the customer, on site. Items may include radiators, termination chambers, etc. Additional items, which are typically shipped uninstalled, include arresters, neutral grounding resistors and associated hardware. Please note this for your installation plan
- This quoted transformer or transformers are quoted as designed for standard duty. If other duty required (i.e. step-up duty, high altitude operation, tilt, K-Factor etc.), please specify for quote revision.
- ATI is offering witness testing at the factory for an adder of \$1000.00 per day or part thereof. Please allow two (2) weeks to arrange witness test at the factory.
- The warranty period for products sold hereunder shall terminate one year after the completion of installation, or 18 months after the date of shipment, whichever occurs earliest. Warranty terms are per ATI Terms and Conditions of Sale.

Standard Factory Tests

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| * Resistance | * Ratio | * Polarity |
| * Phase Relation | * Core Loss | * Exciting Current |
| * Impedance | * Load Loss | * Applied Potential test |
| * Induced Potential test | * QC Impulse test | * Pressure Leak test |
| * Insulation Resistance (Megger) | * Insulation Power Factor Test (Dissipation, similar to Doble) | |