

SMALL & MEDIUM POWER TRANSFORMERS



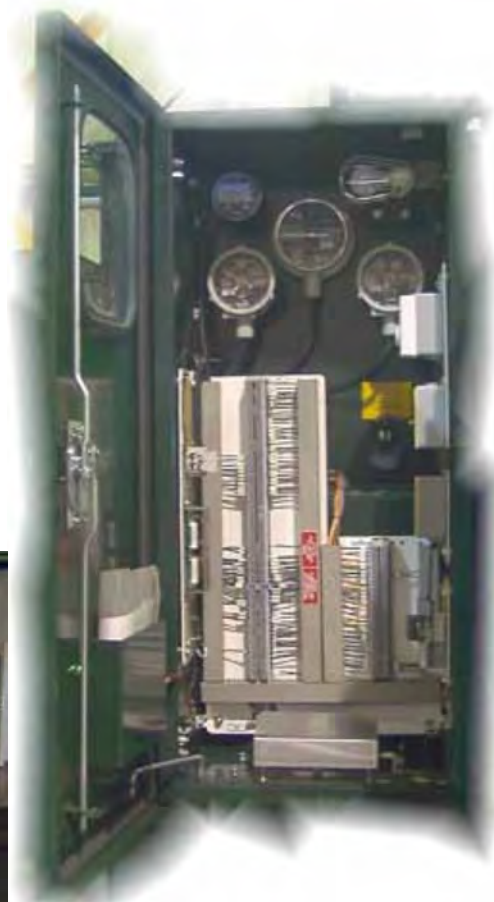
**10/12.5MVA Medium
Power Transformer
115kV - 4.16kV Wye**



**2500kVA Small Power Transformer
c/w 15kV Switchgear**



Close up of PTI Control Box



**500kVA Small Power 25kV -
600v Wye**



1375kVA 12 Pulse Transformer





The Power of Sensibility

Partner Technologies custom designs and manufactures a range of small and medium power transformers to meet the requirements of individual industrial, commercial and utility specifications. These transformers are manufactured in accordance with applicable CSA, ANSI or IEC standards.

The Power of Choice

PTI transformers can be used to supply a variety of loads:

- VFD - Variable Frequency Drives
- Wind Power and Co-generation projects
- Skid Mounted Substations
- Station Services
- Zig-Zag applications
- Grounding applications

Transformers use Shell (rectangular coils) or Core (circular coils) Type construction, and are available in sizes ranging up to 40MVA at 650kV BIL top rating. Features such as on load tapchangers, on-off and/or dual voltage switches, and tank-mounted neutral grounding resistors can also be provided.

The Power of Convenience

Where possible, PTI ships transformers fully assembled to eliminate the need for on site transformer erection and oil processing. Units can be configured with High Voltage and Low Voltage cable termination boxes with top, bottom or side entry locations. Terminations can also be designed to accommodate dimensional constraints and other replacement or retrofit situations. Mineral oil and other cooling fluids are available to

meet necessary flame retardant or environmental specifications. All PTI transformers receive a high-gloss powder-paint finish.

The Power of Safety

PTI transformers use hinged doors on the main control box and all cable termination compartments. The 3-point latches and padlockable operating handle provide safe and easy access in all weather conditions when performing maintenance or infrared scanning. The need to remove and reinstall bolts, nuts and washers is eliminated.

To avoid shutdowns, cable termination compartments can be fitted with a grounded expanded metal screen inside the cable box door, secured with a padlock or other safety interlocking device.

Main control box doors are equipped with safety glass windows. Gauges, indicating instruments and control components can be viewed from ground level to ensure employee safety. The gauges and instruments have additional protection from weather and transport damage.

The Power of Partner Technologies

PTI began in 1989 as a small maintenance and repair shop. When PTI started manufacturing single phase distribution transformers, its expertise grew to the point of recognition as leading innovators of transformer technology.

Customers appreciate the opportunity to phone PTI's helpful staff to tap their knowledge of transformer technology. The responses are quick; the solutions, innovative.

Operating with the flexibility and resourcefulness of a small company, PTI's more than 100 employees are ready to take on the world! Registered to the current version of ISO 9001 and a registered patent, PTI is gaining the respect and business of international markets, including the United States, Caribbean, South America, Europe and Africa.

Like its expertise and reputation for manufacturing high quality transformers, Partner Technologies continues to grow.