

We can do that!

Pad Mount Transformers (Compartmentalized)

- Single Phase 15kVA to 1000kVA
- Three Phase 15kVA to 5000kVA
- Voltages through 15kV
- 50 or 60 Hertz
- BIL ratings through 95kV
- 80°C, 115°C, or 150°C Temperature Rise
- Aluminum or Copper wound
- Future Forced Air (FFA) or Forced Air (FA)
- NEMA 3R (outdoor) Tamper Resistant
- Single or Double Electrostatic Shields



Olsun Electric Corporation manufactures UL and cUL listed Tamper Resistant Medium Voltage Pad Mount Dry Type Transformers to 15000 Volts with 80°C, 115°C or 150°C Temperature Rise.

These compartmentalized units are engineered to provide a low cost, non-toxic, non-polluting, securely enclosed package for modern underground power distribution systems; ideal for schools, hospitals, shopping centers, motels and many other types of institutional and industrial applications.



Construction

Being protected against tampering and the weather, Olsun Electric's Pad Mount Transformers can be safely placed in locations where people are present. Enclosures are tamper resistant and are constructed of heavy gauge sheet steel and then powder painted with a baked-on coating.

Access can be made only through pad-locked doors and all doors have hinges. Doors and panels are reinforced with formed edges to discourage forced entry. Voltage adjustment taps are accessible through a pad-lockable rear access door.

Because the potential hazards of toxic or flammable liquids are not present, they are especially suited as replacements of oil filled transformers.

Due to the Dry Type Construction, there is no need for the following items, as would be required in Liquid Filled Transformers:

- Pressure or Vacuum Gauges
- Pressure Relief Devices
- Rapid Rise Relays
- Nitrogen Levels
- Oil Level Gauges
- Dissolved Gas Analysis For Maintenance



Engineered and Assembled in Richmond, IL USA



Standard Features

- **UL listed & labeled/CSA approved per NEMA/ANSI/IEEE for Medium Voltage**
- **150°C Temperature Rise**
- **220°C Insulation Class**
- **Vacuum Pressure Impregnation**
- **ANSI 61 Gray Powder Paint Coat**
- **Heavy Gauge Steel Enclosures**
- **Provisions for Future Forced Air Cooling**
- **Removable Sill**
- **Removable Doors Equipped with Wind Stops**
- **Ground Pads in Primary & Secondary Compartments**
- **Tamper Resistant Design**

Optional Features

- **LI Switch**
 - 200AMP 5KV NonFused or Current Limiting Fuses
 - 600AMP 15KV NonFused or Current Limiting Fuses
- **Copper Arc Stranglers**
 - With or without NX fuses
- **Cooper NX Clip Style Fuses**
- **Bushings**
 - 200AMP Bushing Wells
 - 600AMP Dead Break Bushings
- **Loop Feed**
 - 200AMP Bushing Wells
 - 600AMP Dead Break Bushings
- **Distribution Class Primary Arresters**
 - Optional Intermediate or Station Class
- **Power Logic Metering**
- **Kilowatthour Meter Including CTs & PTs**
- **Dial Type Temperature Gauge**
 - With Maximum Temperature Indicator & Limit Contacts
- **Heaters & Thermostats**
- **Main Secondary Breakers**
- **Secondary Distribution Panels**
- **Stainless Steel Enclosures**
- **Infrared Windows**
- **Custom Side Cutouts for Cable Entry**



Custom colors available (purple, yellow, blue, etc.)

**Transforming the Industry with:
Handcrafted Quality • Sophisticated Designs • Superior Materials • Olsun Flexibility**

Olsun Electric is a leading dry type transformer manufacturing company that has been providing solutions in the most challenging environments for over five decades.