

*We can do that!*

## Cast Coil Transformers

- Single Phase 167 thru 833 kVA
- Three Phase 150 thru 5000 kVA
- Voltage Combinations thru 34.5 kV
- BIL ratings thru 150 kV
- Frequencies of 60, 50 or 50/60 hertz
- Variable Temperature Rise Designs
- Multiple Enclosure Styles available
- Retrofit Capabilities
- Custom Buswork available
- Electrostatic Shield(s)
- Forced Air (FA) or Future Forced Air (FFA)
- Loss Efficient Designs



**Quality...Durability...  
Performance...Support**

**Nothing less than what you'd  
expect from Olsun Electric's**

Specifically designed for severe environmental applications, Olsun Electric's dry type Cast Coil transformers are advanced, engineered solutions. Our cast coil products provide superior protection from harsh operating environments and dependable performance in critical power applications. Olsun's high dielectric and mechanical strength in design assures resistance to short circuit induced mechanical stresses and maintains the characteristics necessary to support overload conditions. Environmentally safe and free from flammable and toxic substances, Olsun's cast coil transformers may be installed in close proximity to areas where environmental impact is a concern. Olsun transformers will provide superior performance in severe environment applications where dust, dirt, flyings, airborne corrosive elements, heavy vibration, etc. are present.



**Engineered and Assembled in Richmond, IL USA**



## Standard Features

- **Cast Coil Construction with Aluminum Windings**
- **Highest Durability for Dry Type Transformer Applications**
- **85°C Temperature Rise**
- **Class F, 155°C Insulation**
- **Designed to Minimize Short Circuit Stresses**
- **Highest Quality Grain-Oriented Electrical Steel (GOES)**
- **Application Accommodating Terminal/Bus Configurations**
- **Accessible No-Load Tap Changing Links**
- **NEMA Standard Sound Levels**
- **ANSI 61 Gray Powder Coat Painted Enclosures**
- **Bolt Together (“knock-downable”) Enclosures**
- **C2/E2/F1 Compliant**

## Optional Features

- **Copper Windings**
- **Drive Isolation Rated**
- **K-Factor Rated**
- **Low Inrush Current**
- **Class H, 180°C Insulation**
- **Various Temperature Rise Designs**
- **Electrostatic Shield(s)**
- **Various Outdoor Enclosures including Compartmentalized Padmount**
- **TENV (Totally Enclosed Non-Ventilated) Design**
- **316 Stainless Steel Enclosure and Base**
- **Air Terminal Chamber(s)**
- **Forkliftable Base**
- **Externally Removable and Washable Ventilation Filters**
- **Severe Weather Ventilation Baffles**
- **Custom Paint Colors**
- **Forced Air (FA) and Future Forced Air (FFA) Packages**
- **Temperature Monitor with Alarm Contacts and SCADA Interface**
- **Thermal Switches/ Alarm Contacts**
- **Surge Arresters**
- **Infrared Viewing Port(s)**
- **Primary Fused or Unfused Load Break Switches**
- **Interlocks**
- **Low Voltage Breaker(s)**
- **Enhanced Structural Bracing**
- **Extended Warranty**



**Transforming the Industry with:**  
**Exceptional Service • Engineered Solutions • Handcrafted Quality • Superior Materials**

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