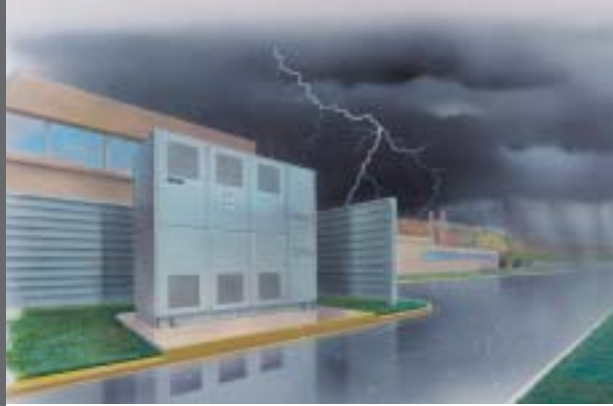


APPLICATION SUPPORT? RETROFIT DESIGNS?



A Single Source for High-Quality Dry Type Standard and Custom Transformers Through 20,000kVA?

OLSUN DOES THAT!



OLSUN ELECTRICS CORPORATION

Tran-Pac™ General Purpose Ventilated 600 Volt Class Transformers Provide Performance, Reliability and Long Life in Typical Applications



- Voltage combinations through 600V
- Three phase ratings through 2500kVA
- Single phase ratings through 1250kVA
- Aluminum or copper wound
- Full load temperature rise designs of 80°C, 115°C, or 150°C
- NEMA 1 (indoor) or NEMA 3R (weatherproof)
- Single, double, or triple electrostatic shields
- Frequency ratings of 50 or 60 Hertz standard; available to 400 Hertz

Sil-Pac™ Encapsulated Non-Ventilated 600 Volt Class Transformers Offer Compact, Economical Solutions for Harsh Environmental Conditions



- Voltage combinations through 5kV
- Three phase ratings through 300kVA
- Single phase ratings through 100kVA
- Aluminum or copper wound
- Full load temperature rise designs of 80°C or 115°C
- NEMA 3R rating enclosures without the use of weathershields
- Single, double, or triple electrostatic shields
- Frequency ratings of 50 or 60 Hertz standard; through 400 Hertz available
- K-factor ratings of 0 (standard), 4, 9, 13, 20, 30, 40, or 50

Haz-Pac™ Non-Ventilated Transformers Comply with National Electrical Code Guidelines for Hazardous Location Applications



- Available UL® Listed NEC Class I, Division II, Group C and D hazardous duty design
- Voltage combinations through 600V
- Three phase ratings 15-300kVA
- Single phase ratings 10-100kVA
- High-grade silicon steel core laminations
- Full load temperature rise designs of 80°C or 115°C
- Type 316 stainless steel enclosures meet NEMA and ANSI requirements
- Frequency ratings of 50 or 60 Hertz standard; through 400 Hertz available
- K-factor ratings of 0 (standard), 4, 9, 13, 20, 30, 40, or 50

Drive-Pac™ Drive Isolation Transformers Meet or Exceed All Applicable UL, CSA, NEMA, IEEE, ANSI and CE Standards



- Voltage combinations through 600V
- Three phase ratings 11-880kVA
- Aluminum or copper wound
- Full load temperature rise designs of 80°C, 115°C, or 150°C
- Electrostatic shield option
- Frequency rating of 50 or 60 Hertz standard; through 400 Hertz available



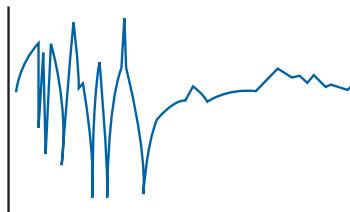
Ener-Pac™ High Efficiency Transformers Operate at 98% Minimum Efficiency, Delivering Major Energy Cost Savings

- Built to meet or exceed compliance specifications of the EPA Energy Star Program
- All voltage combinations through 15kV standard; through 34.5kV available
- Three phase ratings 75-5000kVA
- All BIL ratings through 150kV
- Copper wound
- Full load temperature rise of 80°C or 115°C



K-Fac™ Transformers Keep Their Cool While Handling Non-Linear Loads

- Three phase ratings 15-1000kVA
- Nameplate UL® listed ratings of K-4, K-9, K-13, K-20, K-30, K-40, and K-50
- Harmonic Mitigating design available
- Noise attenuation design available
- Aluminum wound standard, copper optional
- Full load temperature rise designs of 80°C, 115°C, or 150°C
- Electrostatic shield standard



HM-20™ and HM-30™ Series Harmonic Mitigating Transformers Specifically Designed for High Density, Non-Linear Loads

- Meets Energy Star and NEMA TP-1 specifications
- 3rd Harmonic cancellation
- Effective treatment of 5th, 7th, 9th and other harmonics
- UL® and C-UL labeled
- NEMA 1 (indoor), 3R (weatherproof), 4 and 12 enclosures available
- VPI Standard
- Noise attenuation design available
- TVSS available
- 115°C rise standard (80°C rise available)



General Purpose Medium Voltage Ventilated Transformers Offer Reliability, Safety and Value for Indoor and Outdoor Environments

- All voltage combinations through 15kV
- All BIL ratings through 95kV
- Barrel and modified disc wound
- Three phase ratings through 750kVA
- Single phase ratings through 500kVA
- Aluminum or copper wound
- Full load temperature rise designs of 80°C, 115°C, or 150°C
- NEMA 1 (indoor) or NEMA 3R (weatherproof)
- Single, double, or triple electrostatic shields
- K-factor ratings of 4, 9, 13, 20, 30, 40, or 50 available
- Future Forced Air (FFA) or Forced Air (FA) option
- Bottom terminated or substation style enclosures

Medium and Low Voltage Ventilated
Compartmentalized Pad Mount Tamper-Resistant
Distribution Transformers For Safe Operation
in Populated Areas



- All voltage combinations through 34.5kV
- BIL ratings through 200kV
- Barrel or modified disc wound or cast coil available
- Three phase ratings through 5000kVA
- Single phase ratings through 1000kVA
- Aluminum or copper wound
- Full load temperature rise designs of 80°C, 115°C, or 150°C
- NEMA 3R outdoor tamper resistant standard
- Single, double, or triple electrostatic shields available
- K-factor ratings of 4, 9, 13, 20, 30, 40, or 50 available
- Future Forced Air (FFA) or Forced Air (FA) cooling option available
- Accessories available, including disconnects, fuses and breakers

Unit Substation Distribution Transformers
Excel Indoors Without Fireproof Vault;
Outdoors Without Concern for Moisture in
Severe Environments



- All voltage classes through 34.5kV
- All BIL ratings to 150kV
- Barrel wound to 5000V; disc wound above 5000V and/or 30kV BIL
- Three phase ratings 112.5kVA-5000kVA, Single Phase through 1000kVA
- Aluminum wound standard; copper wound optional
- Full load temperature rise designs of 80°C, 115°C, or 150°C
- NEMA 3R outdoor enclosures available
- Single, double, or triple electrostatic shields available
- Available rated and UL® listed for K-factor loads
- Future Forced Air (FFA) or Forced Air (FA) cooling option available
- Accessories available, including disconnects, fuses and breakers

Cast Coil Transformers When Tough Duty Calls
for Tough Padmount and Substation Transformers



- All voltage combinations through 34.5kV
- Copper windings standard
- BIL ratings through 200kV
- Three phase ratings through 25,000kVA
- Single phase ratings through 5000kVA
- NEMA 1, 3R, 4, 4X enclosures available
- Temperature rise of 80°C or 100°C
- Insulation rating of 200°C
- K-factor ratings of 4, 9, 13, 20, 30, 40 or 50 available
- Drive transformers for 6, 12, 18 or 24 pulse applications
- Future Forced Air (FFA) or Forced Air (FA) cooling option available



*Olsun Electrics Switchgear, Chokes, MSAT's and
Reactors Detailed on Back Cover*

HERE'S HOW OLSUN DOES THAT!

Top Quality Products

Olsun Transformers are designed, manufactured and individually tested to meet or exceed all applicable UL, CSA, NEMA, ANSI and CE standards ... in our own facilities ... in the U.S.A. ...under strict quality control procedures and checks at every step. We even fabricate and finish our own enclosures to be sure you receive top quality transformer products that are easy to install and ready to perform right from the get-go. OEMs and brand label electrical manufacturers have been a major segment of our business, with some accounts nearing a half-century of continuous service.

Expert Design Help

While our standard models and ratings fit most applications, we excel at designing and manufacturing the transformer that perfectly meets your needs. Off the shelf or off the wall, our expert staff will match your most precise requirements for custom windings, voltages, KVAs or dimensions ... usually going from design to delivery in a matter of weeks. EPA mandates? Not a problem! We'll meet or exceed specifications of the EPA Energy Star Program with standard or custom products.

Superior Customer Service

Looking for more information in a hurry? Want to know the status of your order? You'll always get straight answers fast from real Olsun people who know about dry type transformers and their applications ... whether you contact us by phone, fax, e-mail or snail mail.

The Industry's Fastest Turnaround

Most popular standard models are kept in stock at our centrally located Richmond, IL facility, ready to ship in 24 hours or less. Our flexible manufacturing facilities help us to produce, test and ship other standard and modified standard models in a matter of days. Custom designs usually go from concept to delivery in less than a month.

Check this spread for application and specification information of the Olsun line of products. For more detailed information, visit our Web site at www.olsun.com



More Olsun Products for the Electrical Industry

High Voltage Indoor/Outdoor Switchgear Line-Ups

- Ratings through 38kV, 150kV BIL and 1200 Amperes
- Source selecting
- Interlocked sources
- Sources and switched feed-through
- Transformer disconnect, freestanding or close-coupled
- Current limiting and expulsion style fusing available
- Distribution, intermediate or station class surge arresters available



Chokes, Reactors and Zig-Zag Grounding Transformers for Current Limiting Applications

- Voltage classes through 15kV
- BIL ratings through 95kV
- DC Chokes through 8000 Amperes and 5000V
- Single phase AC reactor ratings through 3000kVAR
- Three phase AC reactor ratings through 2000kVAR and 5000V
- Iron core or air core
- Aluminum or copper wound
- Full load temperature rise designs of 80°C, 115°C, or 150°C
- NEMA 1 (indoor) or NEMA 3R (weatherproof) enclosures



Motor Starting Autotransformers

- Medium Duty units stocked
- Heavy Duty available
- 50%, 65%, 80% Taps
- Through 5kV and 5000 HP
- Thermoswitches available
- Copper or aluminum designs



Need More Information Fast?

Visit our Web site at www.olsun.com

e-mail us at sales@olsun.com

Call TOLL FREE: 800-33-OLSUN (800-336-5786)



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