

We can do that!

Marine Duty Transformers

- Marine Duty braced
- Single or Three Phase
- Standard Copper Windings
- Voltages thru 15kV
- 50 or 60 Hertz
- Single or Double Electrostatic Shields
- K Factor Ratings of 4, 9, 13, 20 available
- Standard ANSI 61 Grey Powder Paint
- Mild steel and Stainless steel enclosures



Our products are designed to meet your specific application needs while maintaining compliance with IEEE 45, USCG 259, ABYC E8, ABS requirements. With over 60 years experience in the industry, Olsun customers have come to know and rely on our high quality products, workmanship and most importantly, our ability to meet unique and challenging design requirements in marine duty applications.



Custom Engineered and Manufactured for severe duty, marine environments including:

- Shipboard applications (Tankers, Freighters, Passenger)
- Offshore Rigs
- Dock, pier and near shore applications
- Yacht/small boat electrical system isolation applications
- Any severe duty, corrosive marine environments

Engineered and Assembled in Richmond, IL USA



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|-----------------------------|--|
| Power Rating | Through 5000kVA/Single or Three Phase |
| Voltages | Through 35kV Typical 600 volt, 5kV or 15kV class/ Appropriate BIL levels per standards |
| Frequencies | Through 400 Hertz 60 standard, 25, 50, 400, others as needed |
| Windings | Vacuum Pressure Impregnated Copper Standard Aluminum also available |
| Temperature Rise | 80°C, 115°C, 140°C or 150°C Others as required |
| Electrostatic Shield | Single or Double |
| Enclosures | Mild steel & Stainless steel available Standard ANSI 61 Gray Powder Paint Marine Duty braced |
| K Ratings | 4, 9, 13 or 20 |

Primary Voltage Taps

- Typical +2,-2 at 2.5%
- Special tap multi-voltage switch configurations for low voltage
- Yachting applications
- Various tap or multi-voltage configurations available

Ambient Temperatures

- Designs available for varying ambient and maximum ambient application temperatures
- Maximum 40°C or 50°C, etc.

Impedances

- Design flexibility for meeting required impedances

Terminations

- Multiple termination combination including bus to ends and stub-up
- Air terminal chambers available to fit your unique application
- Flange and throat matching capabilities available

Enclosure and Base Style and Finishes

- Ventilated, Encapsulated or Non-Ventilated
- Indoor/Outdoor applications and ratings: NEMA 1, 2, 3R, 4, 4X, 12, IP-23, others as needed
- Mild steel or Stainless steel
- Optional hurricane baffles
- ANSI 61 gray baked on powder-coat finish. Other colors available, including "Coast Guard" white
- Structural steel bases with stainless steel bases available
- Hazardous location enclosures available
- Thermostatically controlled space heaters available

Testing

- 100% testing per applicable ANSI C57.12.01 and C57.12.91 requirements
- Contact Olsun for certification requirements of custom designs

**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.