



Pad Mounted Transformers

DEPENDABLE POWER. BUILT TO LAST.

OMEX pad mounted transformers deliver safe, efficient, and reliable power distribution in a compact, tamper-resistant design. Built to meet or exceed ANSI, IEEE, DOE and UL standards.



ENGINEERED FOR RELIABILITY

Designed for long service life with robust construction and rigorous testing.



SAFE & SECURE

Tamper-resistant enclosure with internal protection for personnel and equipment.



EFFICIENT PERFORMANCE

Low losses and high efficiency help reduce operating costs and energy waste.



ENVIRONMENTALLY RESPONSIBLE

Compatible with FR3™ biodegradable fluid for sustainable performance.



KEY DESIGN FEATURES

- **Rugged Construction** – Heavy-duty steel enclosure with corrosion-resistant finish
- **Tamper-Resistant** – Padlockable doors and secure hardware
- **Low Maintenance** – Sealed tank design minimizes maintenance requirements
- **Efficient Cooling** – ONAN or KNAN cooling for reliable performance
- **Compact Footprint** – Space-saving design ideal for various applications
- **Tested to Standards** – Built and tested in accordance with ANSI, IEEE, DOE, and UL



FLUID & SWITCHING

INSULATING FLUID OPTIONS

- **FR3™ Natural Ester Fluid (Standard)**
Biodegradable, non-toxic, and fire resistant
- **Mineral Oil (Optional)**
Proven performance and reliability

HIGH VOLTAGE SWITCHING

- NEMA 3R rated load break switch available
- Manual or fault interrupting options

PROTECTION & FUSING

- Current-limiting fuse options
- Bayonet fuse holders for simple inspection and replacement



COMMON ACCESSORIES

- Bayonet fuses
- Load break switch
- Tap changer (off-circuit)
- Bushings – Deadfront or Live-front
- Parking stand
- Pressure relief device
- Oil level gauge
- Drain valve
- Lifting lugs
- Gauges and monitoring devices



AVAILABLE RATINGS



KVA RATING

- 45 kVA to 10,000 kVA



FREQUENCY

- 60 Hz (50 Hz optional)



COOLING

- ONAN or KNAN



VOLTAGE CLASSES

- **600V Class:** 208, 240, 416, 480, 600
- **2.5kV–5kV Class:** 2400, 4160, 4800
- **15kV Class:** 12,000, 12,470, 13,200, 13,800, 14,400
- **25kV Class:** 20,780, 21,600, 22,900, 24,940, 26,400
- **35kV Class:** 33,000, 34,500



DELIVERING CONFIDENCE. POWERING COMMUNITIES.

From urban centers to remote sites, OMEX pad mounted transformers are trusted to deliver reliable power today—and for generations to come.



Utilities



Data Centers



Industrial Facilities



Commercial Projects



Renewable Energy



OMEX Industries



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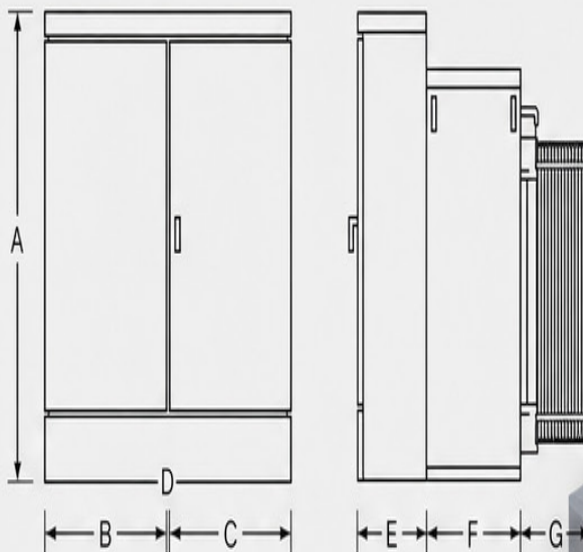
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Pad Mounted Transformers

Outline Dimensions, Accessories & Application Support

OMEX pad mounted transformers deliver reliable, efficient performance for a wide range of utility and commercial applications—backed by engineering expertise and nationwide stocking support.



Approximate Transformer Dimensions

kVA	A	B	C	D	E	F	G	Gallons	Weight (lbs)
300	59"	29.5"	22"	51.5"	20.5"	24"	10"	196	4,056
500	59"	33"	26.5"	59.5"	24"	26.5"	10"	210	5,023
750	73"	36"	29"	65"	24"	26.5"	10"	358	7,664
1000	73"	36"	29"	65"	24"	27"	10"	354	8,530
1500	73"	36"	35.5"	71.5"	24"	33.5"	10"	410	10,782
2000	75"	39.5"	28"	67.5"	24"	35"	27"	433	12,490
2500	78"	39.5"	35.5"	75.5"	24"	37.5"	22.5"	545	14,246
3000	84"	30.5"	32"	62.5"	24"	37.5"	38"	550	14,014
3750	75"	50.5"	30"	80.5"	25.5"	42"	38"	730	17,785



Common Accessories

1. Bayonet fuses
2. Load break switch
3. Tap changer
4. Bushings
5. Parking stand
6. Gauges



Design & Selection Notes

- Three-phase OMEX pad mounted transformers
- Custom products available up to 10,000 kVA
- Dead-front or live-front HV bushings
- Loop feed or radial feed configurations
- Mineral oil or Envirotemp™ FR3™ fluid options
- ANSI, IEEE, DOE and UL standards as applicable



Industries Served

- Utilities & Data Centers
- EV, Mining & Infrastructure
- Industrial & Commercial Power
- Oil & Gas
- Transportation



U.S. Stocking Footprint

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