

# PADMOUNT

## Thousands of transformers. In stock. Ready to ship.

Maddox padmount transformers are constructed with the highest quality materials and built in accordance with the highest industry standards including NEMA, ANSI C.57, DOE, and IEEE as applicable. They are ideal for commercial and industrial applications: data centers, solar step-up, utility projects, manufacturing facilities, shopping centers, etc.

Maddox stocks and builds padmount transformers for projects of any size, customized however you need them. With thousands of new and remanufactured units in stock and ready-to-ship, Maddox is ready to power your project on.



## Design

### HV Bushing Config:

1. Dead front or live front
2. Loop feed or radial feed

### Fluid Options:

1. Type II mineral oil
2. Envirotemp™ FR3™

### Standard Gauge/

### Accessory Package:

1. Pressure relief valve
2. Pressure vacuum gauge
3. Liquid temp & level gauges
4. Drain & sample valve
5. Adjustment taps

### Switch Options:

1. 2 position LBOR switch
2. 4 position LBOR switch (V-blade or T-blade)
3. (3) 2 position LBOR switches

### Fusing Options:

1. Bayonets w/ isolation links or CLFs

### Construction:

1. 5-legged core
2. Rectangular wound copper or aluminum windings
3. Carbon reinforced or stainless steel tank
4. Steel divider between HV & LV cabinets
5. Penta-head captive bolt

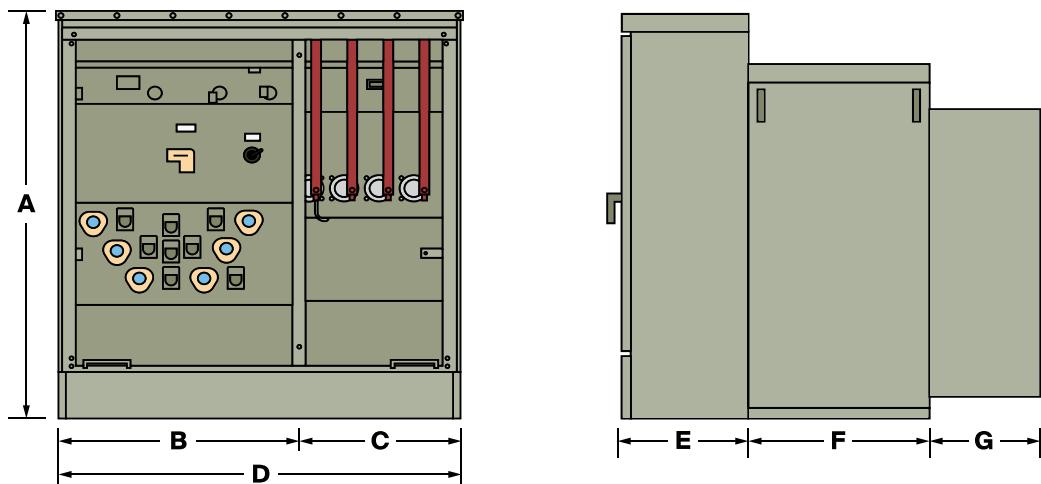
### Optional Design Features & Accessories:

1. Gauges w/ contacts
2. External drain and sample valve
3. Electrostatic shielding
4. K-factor design
5. Step-up design
6. Surge-arresters

## Available Ratings

|                      |  |
|----------------------|--|
| <b>Sizes (kVA)</b>   | 45   75   112.5   150   225   300<br>500   750   1000   1250   1500<br>1750   2000   2250   2750<br>3000   3750   5000 |
| <b>Frequency</b>     | 60 Hz or 50 Hz   |
| <b>Cooling Class</b> | ONAN or KNAN   |
| <b>Temp Rise</b>     | 55°C   65°C   55/65°C  |
| <b>Voltages</b>      | Available in Δ or Y configuration  |
| 600V                 | 208   240   416   480   600  |
| 2.5kV – 5kV          | 2400   4160   4800   |
| 15kV                 | 12000   12470   13200<br>13800   14400   |
| 25kV                 | 20780   21600   22900<br>24940   26400   |
| 35kV                 | 33000   34500  |

## Outline & Approximate Dimensions



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

## Inside & Common Accessories



Bayonet Fuses



Loadbreak Switch



Tap-changer



Bushings



Drain Sample Valve



Gauges