



# Three-Phase Pad-Mounted Distribution Transformer

---

Engineered for Performance. Built for the Grid.




# Products Built Beyond Standards

---

**Discover Transformers and Components Built  
to Keep Your Community Powered.**

We ensure that families and businesses have the power they need. Every ERMCO Distribution Transformer and Component is engineered for lasting performance and proven reliability to keep the world powered in even the toughest conditions.

A woman with her hair in a braid, wearing safety glasses and earplugs, is working in a factory. She is focused on her task, which involves handling electrical components on a workbench. The background shows a busy industrial environment with other workers and machinery.

With unparalleled build quality  
and customer support, see why  
customers worldwide partner with  
ERMCO when it matters most.

Three-phase pads are designed and manufactured in compliance with all applicable IEEE and RUS standards. All transformers are oil-filled, 65°C rise, and designed for usual service conditions per IEEE C57.12.34.

Ratings available are 30 through 3000 kVA with primary voltages 2.4 through 35 kV (150 kV BIL) and secondary voltages up to 600 volts.

kVA	H.V.	BIL (kV)	L.V.
30	2400	60	240 Δ 120 tapp 208Y/120 480Y/277 240 Δ 480 Δ 600Y/347
45	4160	75	
75	4800	95	
112.5	7200	95	
150	7620	95	
225	7970	95	
300	11400	125	
500	12000	125	
750	13200	125	
1000	13800	125	
1500	14400	125	
2000	19920	150	
2500			
3000			

### kVA and Standard Voltage Offerings

All standard tap configurations available

- Dual voltage available in most combinations.
- Dual voltage with taps available (series connection only).
- Impedance and loss options available in most designs.



## Product Features

---

### Tanks:

- All bracing is internal.
- Removable cover.
- Pedestal base.
- Reduces weight.
- Improved corrosion protection.

### Bushings:

- Externally clamped with stainless steel studs and plated hardware.
- Internal leads are sized for bushing extraction in times of maintenance or repair.

### Corrosion Protection:

- 100% of the pad-mount receives a paint finish that exceeds all IEEE requirements including 160 in-lb impact, 2000 hour salt spray, 1000 hours QUV and 20 cycle SCAB.
- ERMCO furnishes a 100% powder paint coverage.

## Bonus Features

---

- (Standard on all ERMCO Pad-Mount Transformers)
- Low Profile.
- Unique design exceeds IEEE tamper requirements.
- Metal parts are rounded for improved safety and corrosion protection.
- Cabinet sides.
- Hinged for easy access.
- Lock in open position.
- Securely fastened with spring loaded locking device.
- Removable.
- Cabinet Hood.
- Hinged.
- Locks in 2 raised positions.
- Removable (one locking bolt).
- Enables cables to be pulled vertically.
- Cabinet Doors.
- Lock in open position.
- Removable (easy lift handle.)
- Sill.
- Removable (five bolts).



**Advanced  
Features  
with Built-In  
Protection.**

---

Engineered for excellence, discover the distribution transformers built to withstand your toughest demands and deliver lasting performance.

---

## Equipment Options

Accessory	Default Standard	Available
H.V. Fuse	Bay-O-Net with drip shield	Weak link, valve Bay-O-Net, CL fuse (dry well or internal)
L.V. Breaker	None	Magnetic & thermal trip, emergency overload, available in certain kVA sizes only.
Arrester	None	Internal under oil HV arresters, LV surge arrester
H.V. Bushings	Stud and NEMA spade with jam nut	Removable stud wells, wells & inserts, integral load break bushings
L.V. Bushings	Stud and NEMA spade with jam nut	Stud only, integral spade, variety of connectors, supported LV bushings
Markings	kVA Decal	Generic or customer specific decals, bar codes, stenciling customer stock codes, serial numbering, and other markings.
Taps/Dual Voltage	Cap Wrench Handle	Lever handle or hook stick handle
Nameplate	Laser etched aluminum	Stainless steel, special information bar code, material stock code, or practically any purchaser data
Tank	Mild steel (green color)	Gray or Tan color, hybrid (stainless pedestal and sill), undercoating, full 304L stainless
Fittings	1" drain with sampler and fill plug	Various valves and gauges
Core/Coil	Five-legged	Triplex
Front Panel	IEEE minimum	IEEE specific or customer specified



**Equipped  
for Every  
Application.**

**EXCELLENCE**  
PRODUCTS BUILT BEYOND  
**STANDARDS**

## Quality and Reliability

---

- All electrical testing is per IEEE standards.
- Many other tests are made for control purposes such as core loop loss and exciting current, coil ratio and polarity, oil properties, and multiple oil leak checks.

## Warranty

---

- All ERMCO pad-mounts carry a full 2-year warranty.
- Coverage includes round trip transportation between the purchaser's shipping dock and the repair facility.

## Maintenance

---

- All cabinet parts interchange with size.
- Removable tank cover.
- Full access to internal components.



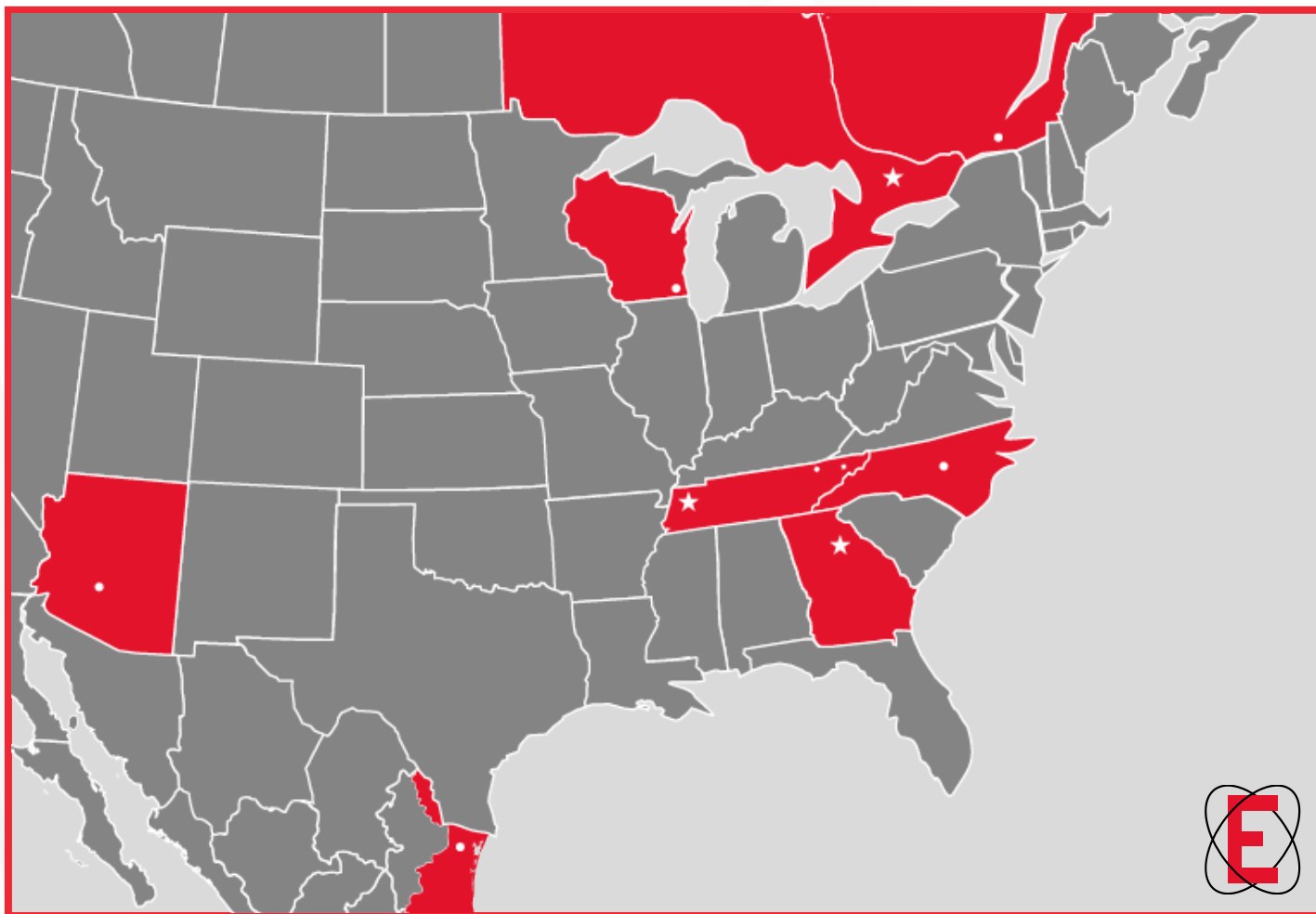
**All  
Pad-Mount  
Transformers  
Carry a Full  
Two-Year  
Warranty!**



**Reliability You  
Can Count On.**



FOR MORE  
INFORMATION VISIT  
**ERMCO-ECI.COM**

**ERMCO-ECI**

2225 Industrial Road,  
Dyersburg, TN 38024  
731-285-9121

[WWW.ERMCO-ECI.COM](http://WWW.ERMCO-ECI.COM)

**ERMCO COMPONENTS**

1607 Industrial Road,  
Greeneville, TN 37745  
423-636-6400

**ERMCO COMPONENTS**

13622 101st Street,  
Bristol, WI 53104

**ERMCO COMPONENTS**

Seccion 44A Tercera Unidad del Bajo Rio  
San Juan S/N  
Col. Parque Industrial Reynosa  
Reynosa, Tam. Mexico CP 88780  
[WWW.ERMCO-ECI.COM](http://WWW.ERMCO-ECI.COM)

**ERMCO DRY TYPE TRANSFORMERS**

1125 Walnut Avenue  
Celina, TN 38551  
931-243-4717

[WWW.VF-TRANSFORMER.COM](http://WWW.VF-TRANSFORMER.COM)

**POWER PARTNERS**

200 Newton Bridge Road,  
Athens, Georgia 30607  
706-548-3121

[WWW.POWERPARTNERS-USA.COM](http://WWW.POWERPARTNERS-USA.COM)

**PIONEER TRANSFORMERS**

612 Bernard Road  
Granby, Quebec J2J 0H6  
450-378-9018

[WWW.PIONEERTRANSFORMERS.COM](http://WWW.PIONEERTRANSFORMERS.COM)

**Need help choosing the right transformer?**

Go to our site below to explore our interactive map and connect with a sales expert in your area.

**View Our Sales Map**

<https://www.ermco-eci.com/contact-us/>