



# K-Rated Transformers

**Non-Linear Three-Phase • 15 to 500 kVA**

Designed to handle harmonic-rich, non-linear loads in commercial and industrial environments.

## Why K-Rated?

K-factor is a UL rating that indicates a transformer's ability to withstand the additional heating caused by harmonic currents from non-linear loads. Common ratings include K-4, K-13, and K-20.



**Engineered for  
Harmonic-Rich Loads**



## Key Features

- K-1, K-4, K-9, K-13 and K-20 rated units available
- Meets DOE-2016 and NRCAN / C802 energy efficiency requirements
- 60 Hz operation
- Aluminum windings standard; copper windings optional
- 150°C temperature rise
- 220°C insulation class
- Electrostatic shield
- NEMA 3R enclosure
- High-quality electrical steel core
- Primary taps on most units
- Seismic certification
- Quiet operation



## Applications

-  Data centers and server rooms
-  UPS systems and power distribution
-  Variable frequency drives (VFDs)
-  Office equipment and IT loads
-  Healthcare and medical equipment
-  Telecom and industrial automation
-  LED lighting and commercial buildings



## Benefits

- Handles non-linear loads more effectively
- Reduces overheating from harmonics
- Helps extend transformer life
- Supports reliable power quality
- Large connection compartment for easier wiring
- Many sizes available for fast shipment



## Typical Configurations

- 480V Delta → 208Y/120V
- 600V Delta → 208Y/120V
- Other sizes, voltages and temperature rises available



## Standards & Options

- Built in accordance with NEMA, ANSI, UL and CSA standards
- CE-marked units available as custom
- Wall brackets available for units up to 75 kVA
- Detailed specification sheets available on request



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Talk to our application engineers for selection support and detailed specifications.