

Federal Pacific Offers the Fastest Medium Voltage Lead Times in the Transformer Industry. Ship Dates Guaranteed!

⚡ 15 kVA - 225 kVA

Ships In 2 Weeks!

⚡ 300 kVA - 500 kVA

Ships In 2 Weeks!

⚡ 750 kVA

Ships In 3 Weeks!

⚡ 1000 kVA and Up

Ships In 4 Weeks!

• Lightning Fast must be requested at time of quotation for all engineered-to-order transformers.
• Guaranteed ship date time period begins when the order is received by Federal Pacific and applies to standard business weeks.

Dry-Type Transformer Products

- ⚡ Industrial Control
- ⚡ Type FB Encapsulated 600 Volt Class
- ⚡ Type FH Ventilated 600 Volt Class
- ⚡ High Voltage General Purpose
- ⚡ Padmounted
- ⚡ Unit Substation and High Voltage Power
- ⚡ Vacuum Pressure Impregnated (VPI) and VPI/Epoxy Shielded
- ⚡ Specialty Transformers

Switchgear Products

- ⚡ Livefront Padmounted Switchgear - 15 kV • 27 kV
- ⚡ Livefront/Deadfront Padmounted Switchgear - 15 kV • 27 kV
- ⚡ Deadfront Padmounted Switchgear - 15 kV • 27 kV
- ⚡ Primary Metering Deadfront Padmounts - 15 kV • 27 kV • 38 kV
- ⚡ Fused Sectionalizer Deadfront Padmounts - 15 kV • 27 kV
- ⚡ Metal-Enclosed Switchgear - 5 to 38 kV
- ⚡ Wall-Mounted Equipment - 15 kV • 27 kV
- ⚡ Unit Substations - 5 to 38 kV
- ⚡ Vacuum Reclosers - 15 kV
- ⚡ Custom-Engineered Products - 5 to 121 kV
- ⚡ Switchgear Components

ISO 9001:2000 REGISTERED



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lfgmvd-0207

Medium Voltage Lightning ⚡ Fast Transformers



Guaranteed Ship Dates or 5% OFF!

From The Company With The **POWER TO DELIVER**



Specifications

Three Phase - 150°C Rise - 2.4 kV Thru 15 kV

Core & Coil

Wire or strip wound aluminum coils on non-aging silicon steel cores. Complete assembly isolated from enclosure through vibration dampening pads. (Copper available as an option - Consult Factory)

Insulation

220°C insulation system.

Enclosure

Indoor ventilated heavy gauge steel enclosure with removable front and rear panels. Arranged for standard floor or platform mounting.

Finish

Electrostatically-applied baked light grey polyurethane powder paint.

Terminals

Wiring compartments located behind removable covers with fully sized terminals arranged to accept installer's cable connectors. Flexible grounding strap provided between core and coil assembly and enclosure with stud or ground pad for system ground connection.

Taps

Units provided with full capacity primary taps.
(2) @ 2-1/2% FCAN and (2) @ 2-1/2% FCBN.

Nameplate

Diagrammatic nameplate includes all rating data and provides wiring diagram with connection point identification.

Standards

ANSI - C57.12
NEMA ST-20

Sound Levels

Transformers meet the maximum sound level requirements established by NEMA ST-20 as follows:

10 - 50 kVA	45 db
51 - 150 kVA	50 db
151 - 300 kVA	55 db
301 - 500 kVA	60 db
501 - 700 kVA	62 db
701 - 1000 kVA	64 db
1001 - 1500 kVA	65 db

Optional Features

- ⚡ **Copper Conductors**
- ⚡ **Vacuum Pressure Impregnation**
- ⚡ **Optional Temperature Rise:
80°C and 115°C**
- ⚡ **Electrostatic Shield**
- ⚡ **TP1 Energy Efficient
Compliant**
- ⚡ **Low Sound Designs**
- ⚡ **Drive Duty**
- ⚡ **Special Impedance**
- ⚡ **Arresters**
- ⚡ **Temperature Monitor**
- ⚡ **Fan Cooling Package**
- ⚡ **NEMA 3R Outdoor Enclosures**
- ⚡ **Primary and Secondary Air
Terminal Chamber**
- ⚡ **Close Coupled Substation
Designs**
- ⚡ **Retrofit Designs**

**Consult Factory for Pricing
and Delivery for Units
Including Optional Features**

How Can We Guarantee Lightning Fast Shipping Times?

- ⚡ **Exceptional Customer Service**
- ⚡ **Live Voices and Voice Mail**
- ⚡ **On-Site Factory Sales and
Application Engineers**
- ⚡ **Product Literature Available on
Web Site, CD/DVD or Printed**
- ⚡ **Exceptional Technical Capabilities**
- ⚡ **AutoCad®, Solid Edge and
Thermal FEA Design Software**
- ⚡ **Customer Access to Our
Electrical and Mechanical
Engineers**
- ⚡ **Exceptional Manufacturing Team**
- ⚡ **Computer Automated Machinery**
- ⚡ **State-of-the-Art Testing Facility**
- ⚡ **Multiple Georg® Mitre Core
Cutting Machines**