Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R

75 kVA Autotransformer - 480Y/277 Wye-N Primary - 600Y/346 Wye-N Secondary - NEMA 3R

Product ID: 344038

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R Autotransformer

Phase: Three Phase
Frequency: 60Hz
kVA: 75
Primary Voltage: 480Y/277
Primary Connection: Wye-N
Secondary Voltage: 600Y/346
Secondary Connection: Wye-N
Impedance: 0.5% - 5%
Winding Material: Copper
Mounting: Floor or Wall
Cooling: Air/Dry
Insulation: 200°C
Temperature Rise: 130°C
Primary Termination: Mechanical Lugs
Secondary Termination: Mechanical Lugs
Sound Level: 45dB (ST-20)
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated - Steel
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 21.50"H x 19.38"W x 20.20"D
Weight: 170 lbs

Approvals/Ratings

Listing: UL Listed
CSA Certified
Auto Transformer

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R 480Y/277 3 Phase Energy Efficient Autotransformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R provides increased reliablity and protection against critical equipment failures. The lower operating costs, lower heat emissions and lower cost of ownership make this transformer ideal for a wide range of applications and businesses.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*

Transformer Features: With a transformer rating of 75kVA, the MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R transformer is a three phase unit with a primary voltage of 480Y/277 Wye-N. It also provides a secondary voltage of 600Y/346 Wye-N. Featuring robust construction, this unit`s cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

This unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The Standard Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor or wall mounted. The unit also features 200°C insulation with a 130°C temperature rise and is rated IP24.

Benefits: The MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R general purpose transformer offers many benefits to the consumer. Precision cut copper transformer winding material help to improve performance. The close tolerances used during manufacturing also eliminates burrs which hinder performance. Each core is specially coated to prevent the ingress of moisture and are electrically balanced to minimize axial forces during short circuit situations.

This transformer provides owners with significant energy savings as well as offering environmental benefits. Higher efficiency not only extends the life of the transformer, but also turn into cost savings for owners in the form of lower energy bills and decreased cost of ownership. Integrated floor and wall mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Safety: The MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R is an autotransformer which means that it has the ability to adjust the supply voltage to match specific load requirements when load isolation from the supply line is not required. Autotransformers are typically used is distribution systems that require small voltage corrections during operation.

Applications: Power supplies for sensitive equipment such as computers, medical devices, or laboratory instruments.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MT-ATX-3P-480Y.277-75KVA-600Y.346-N3R

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/344038.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/344038.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/344038.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/344038.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/344038.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)