



LOW VOLTAGE DATA CENTER SOLUTIONS

MGM TRANSFORMERS

For the last 20 years, MGM Transformers has supplied a full line-up of distribution transformers into the Data Center industry for some of the most demanding hyperscale and colocation customers, including Microsoft, Amazon, and Switch. MGM Transformers is the leading transformer player in the Data Center space, consistently delivering high-performance solutions that meet the stringent requirements of today's mission-critical infrastructure.

Our Power Distribution Unit (PDU) Transformer, ranging from **150 to 1500 kVA**, is engineered to deliver robust, reliable, and efficient power distribution, ensuring consistent voltage regulation, superior protection, and optimal performance, even under demanding conditions.

KEY BENEFITS



Low Profile

Transformers Designed with a low-profile architecture to maximize the use of available floor space. By reducing their footprint, we create more flexible installation options, allowing for greater efficiency in confined spaces such as data centers.



Customizable

Fully customizable transformers designed to meet your exact specifications. Whether you need specific dual-voltage ratings, dimensions, or other specialized features, we collaborate closely to design and deliver transformers tailored to your precise operational needs.



Optimal Performance

Engineered for optimal performance, especially when handling non-linear loads. Designed with advanced materials and innovative winding configurations, our transformers effectively manage harmonic distortion and minimize energy losses, ensuring reliable and efficient operation.



Efficient

Designed to exceed the Department of Energy (DOE) efficiency standards, our transformers ensure regulatory compliance and deliver exceptional energy performance.



Cost Effective

Created to provide the lowest lifetime costs by balancing upfront investment with long-term energy efficiency. By incorporating high-efficiency designs that reduce energy losses and maintenance requirements, our transformers lower operational expenses over their lifespan.



Scalable

Our manufacturing operation designed for scalability, allowing us to meet the increasing demands of the rapidly growing data center industry. With flexible production capabilities, advanced automation, and streamlined processes, we can quickly scale output to support large-scale projects and tight timelines.

TECHNICAL SPECS



- **K-Factor:** K1, K4, K9, K13
- **Core and coil or enclosed, overall envelope, and termination locations per your specifications**
- **Multiple full capacity taps**
- **Conductor and terminations:** aluminum and copper, wire or foil
- **Output voltage:** single, double, or triple secondary voltage configurations available
- **IEEE C57.12.01, C57.12.91, C57.110**
- **Temperature rise, inrush, and impedance per your specifications**
- **Variety of vector configurations, including harmonic mitigating**
- **UL/cUL listed with enclosure, recognized core and coil**

LOW VOLTAGE TRANSFORMERS APPLICATIONS - Data Center Solutions



DATA CENTER SUBSTATION
Up to 2.5MVA
480 - 415v
DELIVERY: 16-18 Weeks



Transformers for Power Distribution Unit Up to 1.5MVA
Delivery: Via partnership with top PDU manufacturers for customized solutions.



Dry Type 600v Class Up to 2.5MVA 600V Class
Delivery: Stocked and custom made to order.



WHY CHOOSE US ?



→ EXPERTISE AND INNOVATION:

With over 50 years of industry experience providing custom solutions, we deliver top-tier transformers for PDUs engineered to meet the evolving needs of our customers.

→ CUSTOMER SUPPORT:

Our dedicated support team is here to assist you every step of the way, from initial consultation to post-installation maintenance.

→ PROVEN TRACK RECORD:

Join the growing list of satisfied clients who have experienced the unmatched performance and reliability of our low voltage, dry type non-linear energy transformers.