







Power Meets Precision: Padmount Solutions

For over five decades, MGM Transformers has been a pioneering force in the development and innovation of padmount transformers. This legacy of innovation and commitment to quality has established MGM Transformers as an industry leader, consistently delivering advanced solutions that enhance the functionality and resilience of communities and businesses worldwide.

Whether it's for urban infrastructure, industrial applications, or renewable energy projects, MGM's padmount transformers are synonymous with reliability, durability, and high performance.




MGM TRANSFORMER SOLUTIONS

-  **ADVANCED ENGINEERING:** Transformers designed to handle large capacities and high voltages, with capacities up to 10MVA and voltages up to 46kV. Custom tailored for diverse energy needs.
-  **CUSTOMIZABLE SOLUTIONS:** Offers a range of dead front and live front components, allowing for extensive customization to meet specific project requirements.
-  **CUSTOMER-CENTRIC APPROACH:** Committed to delivering tailored solutions that meet the unique needs of each customer, from large industrial complexes to community installations.
-  **SAFETY AND SECURITY:** Features robust, tamper-proof construction ideal for public and unsecured areas, enhancing safety and security in energy distribution.



Padmount transformers are essential components in modern electrical distribution systems, especially suited for residential, commercial, and light industrial applications. These transformers are often installed in ground-level enclosures and are generally used in areas where aesthetics, space constraints and safety are concerns. Additionally, their robust, tamper-resistant construction makes them ideal for use in public spaces, offering a secure solution for stepping down high-voltage electricity to usable levels. This makes liquid padmount transformers a versatile and durable choice for safe and effective power distribution in a variety of settings.

BENEFITS:

-  **ENVIRONMENTAL RESISTANCE:** Utilizes sealed tank constructions with welded covers to protect against harsh environmental elements.
-  **STANDARDS COMPLIANCE:** Adheres to strict IEEE C57.12 standards, ensuring high-quality manufacturing and product reliability.
-  **SUSTAINABLE SOLUTIONS:** Supports renewable energy and battery storage solutions, aligning with global trends towards sustainable and renewable energy initiatives.

STANDARD FEATURES

- Drain valve with fluid sampling valve.
- Fill plug or valve.
- Sealed Nitrogen blanket with Schrader valve to adjust pressure and automatic pressure relief valve.
- Externally operated de-energized tap changer.
- Tank grounding pads.

AVAILABLE OPTIONS

- Dual voltage primaries/secondaries and voltage adjustment tap settings.
- Mineral oil, synthetic oil, and natural and synthetic ester fluids for insulation and cooling.
- Protection by overcurrent fusing with bayonet and current limiting fuse options, and primary and secondary arresters.
- Custom tanks and compartments including custom configurations, stainless steel materials, and custom paint colors.
- Seismic withstand certification available.

RETROFITS

MGM Transformers specializes in custom retrofits of aged transformer assets, providing a seamless upgrade that minimizes operational downtime and reduces both civil costs and energy loss. By tailoring our retrofit solutions to fit existing infrastructure, we ensure a smooth transition with minimal disruption to your operations. This approach not only extends the life of your equipment but also enhances overall efficiency, offering a cost-effective alternative to complete system replacements.