



Transformer Solutions

AWG is your single source solution for all wire, cable, hardware, equipment, component and accessories.

At American Wire Group (AWG), we understand that reliability, performance, and seamless integration are critical in today's evolving energy landscape. As a trusted single-source solution, AWG provides a complete suite of wire, cable, hardware, equipment, components, and accessories tailored to the needs of our customers in the power utility, renewable energy, and data center markets.

Our product line includes power and distribution transformers—each designed for optimal performance across grid modernization initiatives, renewable integration, and mission-critical power environments. Whether supporting solar farms, wind installations, substations, or hyper-scale data centers, our solutions are engineered to support both traditional and emerging infrastructure demands.

AWG's commitment extends beyond our products. Our strategically located distribution centers in Pennsylvania, Texas, and California ensure that materials are delivered efficiently and on time—supporting project timelines and reducing downtime nationwide.

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Empowering Your Project With More Than Just Wire & Cable

Types of Transformers

At AWG, we provide dependable solutions that support critical electrical infrastructure across a range of industries. Our product line includes high-quality power equipment, hardware, and accessories designed to deliver reliability and performance. Each solution we offer is tailored to meet our customers' unique project requirements and timelines.

POWER TRANSFORMERS



Power Transformers: Up to 500 MVA, 500 kV

Power transformers are singularly essential for safe and efficient power transmission over long distances, as well as connection infrastructure for generation and distribution plants. These units are most commonly dual winding, serving a variety of voltage levels and MVA ranges, and can be equipped with on-load tap changers and other smart accessories.

DISTRIBUTION TRANSFORMERS



Pad-Mounted: Up to 10 MVA, 35 kV

Pad-mounted transformers are commonplace in a number of traditional utility applications, especially in residential or commercial distribution systems where aesthetics & safety are high priority. These transformers are also integral to the renewable generation industry, with units being utilized for segmented generation technologies such as wind, solar and BESS applications.



Pole-Mounted: Up to 500 kVA, 35 kV

Pole-mounted transformers are installed on utility poles and typically used in areas where overhead power lines are the norm, such as in rural or suburban regions. These transformers are smaller and serve to step down the voltage from distribution lines to usable levels for homes and businesses. They are also commonly used to provide low voltage AC feeds in power substations.



Dry-Type: Up to 7.5 MVA, 35 kV

Dry-type transformers rely on natural air circulation or forced air to cool the windings and core as opposed to oil. This makes them safer for use in environments where flammable liquids could pose a risk, such as indoors, in commercial buildings, hospitals, or schools. They are also common in various generation environments where additional flame hazards are a concern.



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