

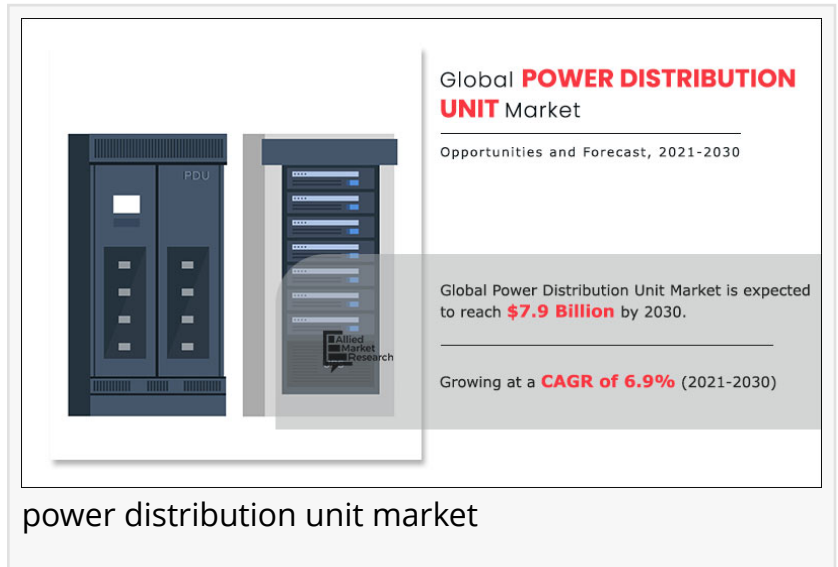
Power Distribution Unit Market to Witness Huge Growth by 2030 – Powertek, Eaton, Schneider Electric, Raritan, etc.

Power Distribution Unit Market Expected to Reach \$7.9 Billion By 2030

WILMINGTON, DELAWARE, UNITED STATES, February 23, 2024

/EINPresswire.com/ -- An increase in demand for power distribution units from end-use industries, such as IT & Telecom, government, and healthcare, is expected to drive the [power distribution unit market](#) during the forecast period. Moreover, the increasing number of data centers across the world is expected to create

lucrative opportunities for the power distribution unit market. However, space constraint & complex wiring systems with an increasing number of power distribution units is expected to hinder market growth. The power distribution unit market size was valued at \$4.1 billion in 2020 and is projected to reach \$7.9 billion by 2030, growing at a CAGR of 6.9% from 2021 to 2030



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Increased demand for stable power from various end-use industries including IT & telecom, healthcare, banking, and other government industries is driving the demand for power distribution units.”

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A power distribution unit is an electrical device that has multiple sources of integrated power outputs. Each power output socket can be connected to a computing or networking device directly. There are two types of PDUs, namely, rack-mounted and floor-mounted. A rack-mountable power distribution unit (PDU) is directly attached to the rack and controls and monitors power to

individual servers, switches, and other data center devices, as well as assists in power load balancing. Smart PDUs and intelligent PDUs are two terms that are used to describe rack-

mountable PDAs. Three-phase displays for power-sharing devices, as well as remote management tools that employ the Simple Network Management Protocol (SNMP) to allow managers to alter and monitor power consumption from offsite locations, are examples of such PDUs. A floor-mounted power distribution unit (PDU), also known as a main distribution unit (MDU), acts as a management link between a building's principal electricity and numerous equipment racks within a data center or network operations center. Each PDU can take more energy than a standard power strip (up to 300 kilovolt-amps depending on the manufacturer and model) and can often power numerous equipment racks.

Owing to increased demand and technical developments in data centers, demand for PDUs has also increased. Virtualization, cloud computing, and the evolution of alternating-phased power is expected to boost demand for power distribution units. An increase in demand for data center digitalization is predicted to boost the global power distribution unit market growth, owing to a constant increase in data generation and management of abundant data with lower power consumption. For instance, Siemens, a German multinational business, deployed a power distribution unit connected with virtual technology in its data centers, resulting in digitalization. Leading global market players are investing in research and development to upgrade data centers for more efficient power supply. Governments in several nations are promoting power consumption policies to offer environmentally friendly approaches for commercial purposes. These factors propel the power distribution unit market.

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The power distribution unit market is segmented based on type, phase, end-use industry, and region. By type, the power distribution unit market is classified into metered, monitored, switched, and basic. By phase, it is bifurcated into single and three. By end-use industry, it is divided into IT & telecom, healthcare, government & defense, banking, financial services, and insurance (BFSI), and others. Based on region, the market is studied across North America, Europe, Asia-Pacific, and LAMEA. The power distribution unit market share is analyzed across all the regions and countries.

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The Power Distribution Unit industry's key market players adopt various strategies such as product launches, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

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- The report outlines the current power distribution unit market trends and future scenario of the power distribution unit market from 2021 to 2030 to understand the prevailing opportunities and potential investment pockets.
- The power distribution unit market size is provided in terms of revenue.
- Based on type, the metered segment is expected to grow at a CAGR of 6.7%, in terms of revenue, during the forecast period.
- Based on phase, the three-phase segment is expected to grow at a CAGR of 7.0%, in terms of revenue, during the forecast period.
- Based on the end-use industry, the IT & Telecom segment garnered a 20.0% share in 2020 in terms of revenue.
- Based on type, the metered segment garnered a share of 27.0% in 2020 in terms of revenue.
- Based on region, North America garnered a share of 37.3% in 2020 in terms of revenue.

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