

Power Distribution Unit Market Projected to Hit \$7.9 Billion By 2030, growing at a CAGR of 6.9%

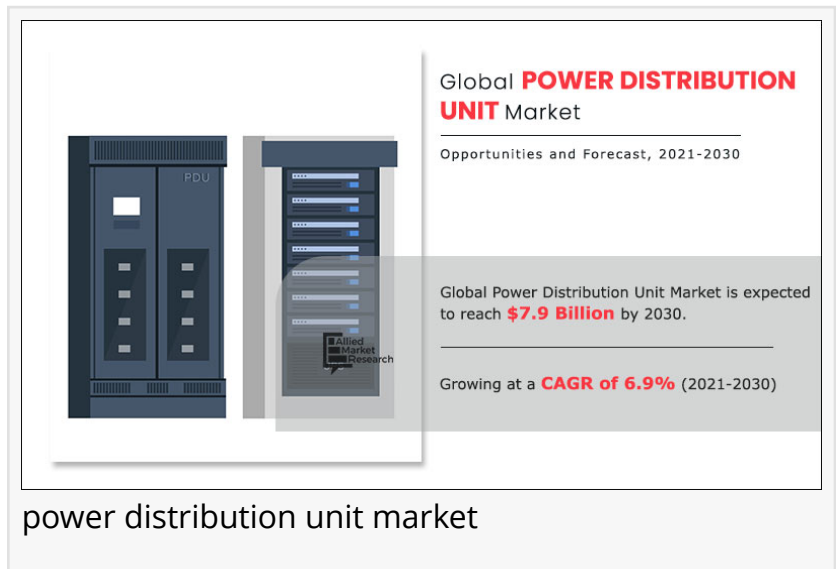
Rise in demand for stable power and increase in focus toward reducing energy losses drive the growth of the global power distribution unit market.

PORTLAND, OREGON, UNITED STATES, January 12, 2022 /EINPresswire.com/ -- 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. A power distribution unit is an electrical device that has multiple sources of integrated power outputs.

Each power output socket can be connected with 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 assisting 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-amperes depending on the manufacturer and model) and can often power numerous equipment racks.

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Owing to increased demand and technical developments in data centers, demand for PDU has also increased. Virtualization, cloud computing, and evolution of alternating phased power is



expected to boost demand for power distribution units. 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.

The power distribution unit market is segmented on the basis of 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. On the basis of 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.

The power distribution unit market analysis covers in-depth information of the major industry participants. Some of the major players operating in the power distribution unit market include Eaton, Siemon, Leviton, Siemens, Powertek, Schneider, Cyber Power systems, Raritan, Vertiv group and Nvent.

Key Findings Of The Study

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.

On the basis of type, the metered segment is expected to grow at a CAGR of 6.7%, in terms of revenue, during the forecast period.

On the basis of phase, the three phase segment is expected to grow at a CAGR of 7.0%, in terms of revenue, during the forecast period.

On the basis of end-use industry, the IT & Telecom segment garnered 20.0% share in 2020 in terms of revenue.

On the basis of type, the metered segment garnered a share of 27.0% in 2020 in terms of revenue.

On the basis of region, North America garnered a share of 37.3% in 2020 in terms of revenue.

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Impact Of Covid-19 On The Global Power Distribution Unit Market

COVID-19 is an infectious disease that originated in Hubei province of the Wuhan city in China in late December. The highly contagious disease, caused by a virus, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), is transmitted from human to human. Since the outbreak in December 2019, the disease has spread to almost 213 countries around the globe with the World Health Organization declaring it a public health emergency on March 11, 2020.

The outbreak of COVID-19 pandemic had led to partial or complete shutdown of end use industries for power distribution unit. Furthermore, owing to the lockdown implemented across various countries, national and international transport were hampered in 2020, but some of the countries have begun vaccination drives, which has positively impacted the supply chain of power distribution units across the globe. In 2020, there was insufficiency in raw material, which hampered production rate of power distribution unit.

Moreover, people are being advised to stay at home as a precaution due to the ongoing COVID-19 outbreak. Several businesses have adopted a work-from-home policy to safeguard their staff as well as to better serve their clients. As a result, digital traffic and use of online communication services has increased. During this uncertain period, data centres are playing a critical role in securing and maintaining secure digital infrastructure. This crisis is expected to shift attention toward significance of upgraded digital infrastructure, as well as data centres, opening the path for market expansion.

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