

Asia-Pacific Uninterruptible Power Supply (UPS) - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Asia-Pacific Uninterruptible Power Supply Market is expected to register a CAGR of 4.94% during the forecast period.

The market was moderately affected by the Covid-19 pandemic; however, the market has recovered and reached pre-pandemic values.

Key Highlights

- Over the long term, growing investments in data centers are expected to drive the market during the forecast period.
- On the other hand, UPS systems' high capital cost and operational expenditure are expected to restrain the market's growth during the forecast period.
- Nevertheless, the commercial integration of new technologies, such as Artificial intelligence (AI), Machine Learning (ML), IoT, etc., to provide increased efficiency and reliability in UPS systems is expected to be a significant growth opportunity for the market during the forecast period.
- Due to burgeoning power demand, increasing renewable energy generation, and growing demand for emergency backup systems, India is expected to be the fastest-growing geographical segment in the market during the forecast period.

APAC Uninterruptible Power Supply (UPS) Market Trends

Rising demand for data centres to drive the market

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- Data centers are facilities that store vast amounts of sensitive data. These facilities are needed to be operational throughout the clock and to maintain data safety and reduce downtime; the data centers are equipped with an uninterrupted power supply. Furthermore, the data centers are connected to the internet, and with the help of an uninterruptible power supply, the data centers work smoothly without any interruption in internet connectivity. An uninterruptible power supply has redundant configurations and dual bus capabilities; thus, it requires less uptime and can provide facility-wide protection for sensitive electronics. Moreover, an uninterruptible power supply provides power without blackouts, brownouts, sags, surges, and noise interference.
- Data centers are integral to organizations designed to support business applications and provide services such as data storage, management, etc. An Uninterruptible Power Supply (UPS) plays a crucial role in data centers in providing backup power and avoiding data crashes, data loss, hardware damage, etc., due to which data centers are expected to be one of the largest end-user segments by application for UPS systems.
- The Asia-Pacific data center market has been expanding steadily and is one of the fastest globally. Due to growing urbanization and internet access globally, especially in Asia-Pacific, user-generated data has skyrocketed, mandating the demand for expanded data center capacity.
- According to Clouscene, China is the biggest market for data centers in the Asia-Pacific region, with 442 operational data centers in the country, followed by Australia, India, and Japan. The market is growing especially fast in India, where due to a rapid rise in internet penetration over the recent years, the amount of user data generated has grown exponentially.
- Due to such factors, the rapid growth of the data center market is expected to drive the demand for UPS systems in the sector, driving the market during the forecast period.

India to be the fastest-growing segment

- India is one of the fastest-growing economies globally, and due to the combined impact of the growth of several end-user segments utilizing UPS systems, the country is expected to be the fastest-growing market for UPS systems during the forecast period.
- India is one of the region's fastest-growing markets for data centers, and as internet penetration has increased among its vast population, user data and safe data storage have become vital. According to DataReportal, internet penetration in India grew from 12.6% in 2012 to nearly 47% in 2021, making India the country with the second-largest number of active internet users. This has significantly boosted the country's IT companies, with many data center projects in the pipeline.
- For instance, In May 2022, Cisco launched its first data center in India. The company aims to cater to rising customer demands for cyber-defense and data localization. Thus, Cisco's Duo has established its first data center in India. Furthermore, with this investment, Cisco aims to build future-ready, data-compliant security infrastructure in India. Moreover, this data center would serve various industries, such as the public sector, healthcare, banking, financial services, and insurance.
- Similarly, In January 2022, the diversified Adani Group announced plans to invest more than USD 55 million in two data center projects in Uttar Pradesh, India. According to the Uttar Pradesh government, the two data centers are expected to be built in Noida sectors 62 and 80, respectively.
- Furthermore, Adani Group has formed a subsidiary, Adani-EdgeConneX Indian Joint Venture, to create a data center in Mumbai, India. Moreover, the company aims to develop 1GW of data center capacity in the next ten years. These projects are expected to be located in various cities in India, including Chennai, Navi Mumbai, Noida, Vizag, and Hyderabad.
- India was one of the worst-hit countries during the Covid-19 pandemic, and in response, considerable investments were made in the healthcare sector to expand facilities. Under the National Health Mission, central funding is provided to individual states for the upgradation of existing or constructing new medical infrastructure.
- As of March 2021, according to Rural Health Statistics, India has nearly 5,951 community health centers, up by nearly 5.3% from 2020. The country had a cumulative 2295 sub-divisional and district hospitals and medical colleges, up by nearly 0.8% year-on-year. As India's healthcare sector grows, it is expected to drive the demand for UPS systems during the forecast period.

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- Additionally, rising industrialization, and a burgeoning number of telecom service users, are also expected to drive the market in India, making India the fastest-growing market segment in the region during the forecast period.

APAC Uninterruptible Power Supply (UPS) Industry Overview

The Uninterruptible Power Supply (UPS) Market is fragmented. Some of the major players (not in particular order) include Riello Elettronica SpA, EATON Corporation PLC, Emerson Electric Co., ABB Ltd, and Schneider Electric SE, among others.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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