

# **Asia Pacific Uninterrupted Power Supply Market Forecast to 2031 - Regional Analysis - by Type (Standby, Line Interactive, and Online), Rating (upto 50 kVA, between 50 to 100 kVA, and above 100 kVA), and End User (Data Centers, Telecom, Healthcare, Industrial, and Others)**

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## **Abstracts**

The Asia Pacific uninterrupted power supply market was valued at US\$ 4,228.51 million in 2023 and is expected to reach US\$ 7,003.09 million by 2031; it is estimated to register a CAGR of 6.5% from 2023 to 2031.

### **IoT Enables UPS Systems Boosts Asia Pacific Uninterrupted Power Supply Market**

IoT is revolutionizing UPS by enabling better monitoring and remote administration. IoT-enabled UPS systems have sensors that capture real-time data on battery status, load levels, temperature, and humidity. They submit this data to a cloud-based platform for complete analysis, which enables the necessary steps. This enables proactive monitoring and maintenance of UPS systems, resulting in early detection of possible issues and reduced downtime. For example, if a UPS system detects that the battery is getting low, it can instantly notify specific workers, allowing them to act. Furthermore, IoT-enabled UPS systems can be remotely managed and controlled, offering greater flexibility and convenience. UPS systems can be easily monitored and managed using web-based and mobile applications. This allows for remote settings and configurations, such as modifying battery runtime, changing shutdown parameters, or running diagnostics. This is done without physical access to the UPS system, saving time and effort and allowing for more efficient control of several UPS systems in various locations, making it perfect for large-scale deployments. Another key advantage of

connecting IoT and UPS systems is predictive maintenance. IoT-enabled UPS systems can use data analytics and machine learning algorithms to analyze historical and real-time data to discover patterns and trends that may indicate prospective equipment breakdowns. For example, if the system detects a progressive drop in battery performance over time, it can estimate the battery's remaining lifespan. It can also plan battery replacement before an outage occurs. This helps prevent unexpected failures and extends the lifespan of the UPS system, resulting in increased reliability and lower maintenance costs.

## Asia Pacific Uninterrupted Power Supply Market Overview

The APAC uninterrupted power supply market is segmented into China, Japan, South Korea, India, Australia, and the Rest of APAC. In recent years, the region has witnessed an upsurge in the need for UPS as a source of backup power in the case of faulty production lines or disruptions in IT equipment operations. Major market players in APAC are offering innovative products to cater to the growing demand for UPS from sectors such as data centers. In 2023, Fuji Electric Co., Ltd. announced the expansion of the 7500WX Series high-capacity uninterruptible power supply systems to launch a new product with a single-unit capacity of 2,400 kVA. With the advancement of technologies such as DX (Developer Experience) and cloud systems, as well as the rising implementation of AI, more data centers are being built across the region. Fuji Electric provides integrated services that encompass design, construction, and operation support for the complete facility, contributing to a secure supply of electricity and lowering CO2 emissions. Many countries in APAC, such as Singapore, India, and China, are aiming to become economic and info-communication hubs which will result in demand for energy efficient IT infrastructure, thus driving the market for uninterrupted power supply (UPS) in APAC.

## Asia Pacific Uninterrupted Power Supply Market Revenue and Forecast to 2031 (US\$ Million)

### Asia Pacific Uninterrupted Power Supply Market Segmentation

The Asia Pacific uninterrupted power supply market is categorized into type, rating, end user, and country.

Based on type, the Asia Pacific uninterrupted power supply market is segmented into standby, line interactive, and online. The online segment held the largest market share in 2023.

In terms of rating, the Asia Pacific uninterrupted power supply market is categorized into upto 50 kVA, between 50 to 100 kVA, and above 100 kVA. The above 100 kVA segment held the largest market share in 2023.

By end user, the Asia Pacific uninterrupted power supply market is segmented into data centers, telecom, healthcare, industrial, and others. The data centers segment held the largest market share in 2023.

Based on country, the Asia Pacific uninterrupted power supply market is segmented into India, China, Japan, South Korea, Australia, and the Rest of Asia Pacific. China dominated the Asia Pacific uninterrupted power supply market share in 2023.

Schneider Electric SE, ABB Ltd, Toshiba Corp, Cyber Power Systems (USA) Inc, Eaton Corp Plc, Emerson Electric Co, Delta Electronics Inc, Legrand SA, Mitsubishi Electric Corp, and Kehua Data Co Ltd. are some of the leading companies operating in the Asia Pacific uninterrupted power supply market.

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