

Data Center UPS Market - Global Outlook and Forecast 2021-2026

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Abstracts

In-depth Analysis and Data-driven Insights on the Impact of COVID-19 Included in this Global Data Center UPS Market Report

The global data center UPS market to grow at a CAGR of over 5% during the forecast period.

The global market is witnessing high procurement of lithium-ion-based battery systems. Data center operators are increasingly adopting these batteries to prevent losses suffered due to VRLA battery failures and increase overall power efficiency. Lithium-ion batteries have emerged as an effective alternative to VRLA batteries among vendors, thereby aiding the market's growth. The penetration of UPS systems is growing due to an increase in centralized operations and the need for row/rack-level power backup, which is driving operators to install efficient systems and batteries. Moreover, the application of lithium-ion batteries reduces space and lowers OPEX as they require low maintenance. The demand to prevent battery failures is boosting operators to shift to lithium-ion solutions in the market. However, the popularity of other battery technologies, such as nickel-zinc and Prussian Blue Sodium-ion, could pose a challenge to lithium-ion UPS battery systems' growth during the forecast period.

The following factors are likely to contribute to the growth of the data center UPS market during the forecast period:

Adoption of DC UPS Systems reducing Power Losses

Increase in Colocation Investments

The rise in Hyperscale Data Centers Construction

The study considers the present scenario of the data center UPS market and its market dynamics for 2020-2026. It covers a detailed overview of several market growth enablers, restraints, and trends. The report offers both the demand and supply aspects of the market. It profiles and examines leading companies and other prominent ones operating in the market.

DATA CENTER UPS MARKET SEGMENTATION

VRLA batteries are likely to account for the highest data center UPS market share during the forecast period; however, they can register negative growth. These batteries are responsible for multiple outages in the market. To prevent system failures during grid outages, they require constant maintenance and service checks, which increase the OPEX for operators. Data center operators are seeking efficiency and reduced TCO in operating UPS systems. They are increasingly procuring UPS systems with lithium-ion batteries, which will enable them to decrease the OPEX. Hence, the increased adoption of lithium-ion, Nickel-zinc, and Prussian Blue batteries is projected to decrease the market share of VRLA batteries during the forecast period.

The growth of

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