

Data Center Power Market in APAC - Industry Outlook and Forecast 2019-2024

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Abstracts

The APAC data center power market is expected to grow at a CAGR of over 8% during the period 2018–2024.

The increased construction of hyperscale facilities is likely to boost the data center power market in APAC. China, Hong Kong, Singapore, India, South Korea, Thailand, and Japan are witnessing major data center development. China is to lead the market with multiple hyperscale investments from cloud and colocation providers. In the Southeast Asia region, Singapore is the preferred market to construct mega facilities. The construction of these facilities is likely to grow during the forecast period. China and Hong Kong are the leading revenue generators in the region, followed by India. In India, Adani Group announced to invest \$10 billion in the development of data center parks in 2019. Alibaba, Tencent, Baidu, and Huawei, which are major clients for GDS Services, contributed over 50% of revenue in 2018. Hong Kong is expected to witness significant growth due to the construction and expansion of mega vertical projects, which are being collocated by internet and cloud service providers.

The following factors are expected to contribute to the growth of the APAC data center power market during the forecast period:

Digitalization drives Cloud Data Center Investments

Increased Construction of Hyperscale Data Centers

The emergence of Lithium-ion Batteries in Data Centers

The report considers the present scenario of the market during the forecast period and its market dynamics for the period 2018-2024. It covers a detailed overview of several market growth enablers, restraints, and trends. The report profiles and examines leading companies and several other prominent companies operating in the market.

APAC Data Center Power Market: Segmentation

This research report includes detailed segmentation by electrical infrastructure, ups systems, generators, tier standards, and geography. The UPS systems are widely adopted to provide electricity backup for cooling systems. The adoption of lithium-ion batteries is likely to increase significantly during the forecast period. The usage of generators in the region is expected to remain high. The adoption of Diesel Rotary UPS (DRUPS) is gaining traction in countries such as Australia & New Zealand, Singapore, and Hong Kong.

With the increased construction of data centers in the region, the usage of transfer switches and switchgears is expected to grow during the forecast period. Most facilities in China & Hong Kong and Australia are adopting medium- to high-voltage switchgears. The growing awareness to reduce power consumption and wastage is driving the adoption of intelligent PDUs.

The demand for 1-50 kVA UPS systems is high among small- and medium-sized facilities on account of the grid inconsistency in several countries. The adoption of

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