

Data Center Power Market Revenue to Cross \$19 billion, growing at a CAGR of 6% by 2023 | Arizton

ABB, Caterpillar, Cummins, Eaton, Schneider Electric, and Vertiv are going to be the leading players in the global data center power market.

CHICAGO, IL, UNITED STATES, August 29, 2018 /EINPresswire.com/ -- The global [data center power market](#) is estimated to reach values of approximately \$19 billion by 2023, growing at a CAGR of more than 6% during 2017-2023. The market research report also offers market size analysis in terms of power capacity (MW) during the forecast period.

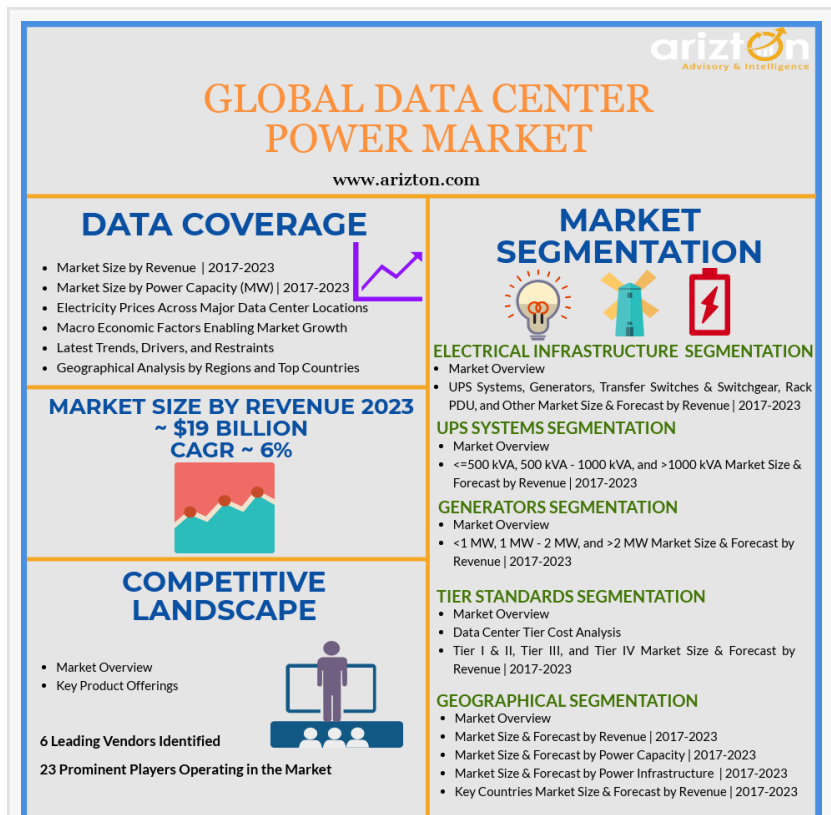
The integration of automation solutions across facilities will allow solutions to predict maintenance requirements, component failures, and automatic switchovers for uninterrupted operations in the global market. The deployment of fuel cells and the use of renewable energy sources across mega and hyperscale facilities will create new avenues for vendors in the market. The global data center power market is driven by improving the efficiency of power infrastructures that are adopted across facilities. The increasing adoption of modular infrastructure that is more efficient, require less maintenance, and reduce space will transform the global market. The market research report provides in-

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Installation of 500 kVA - 1000 kVA UPS systems across multiple data halls to boost revenues in the global data center power market”

Harry, Sr. Analyst

profiles and analyzes the leading companies and various other prominent companies operating in the global data center power market.



Global Data Center Power Market Research Report 2023

[For More Information, Download a Sample.](#)

The report considers the present scenario of the global data center power market and its market dynamics for the period 2018–2023. It covers a detailed overview of various market growth enablers, restraints, and trends. It also

Data Center Power Market - Dynamics

The increasing availability of tax incentives, renewable energy sources, and reliable power supply are some of the primary factors attributing to the growth of the global data center power market. Regions such as Brazil, Southeast Asia, and India are investing heavily in redundant power infrastructures such as generators and UPS systems to ensure uninterrupted operations across facilities in the market. The global data center power market is witnessing the use of hydrogen-powered fuel cells that are designed to provide pricing and reliability benefits to end-users. These fuel cells are a viable option in cities where the electricity pricing is rising and cities with frequent power fluctuation in the electricity grid in the market. DRUPS have a greater fault clearing capability because of low impedance and are considered more efficient compared to order systems available in the global market. These systems are designed to consist of flywheel or battery powered UPS along with a diesel generator.

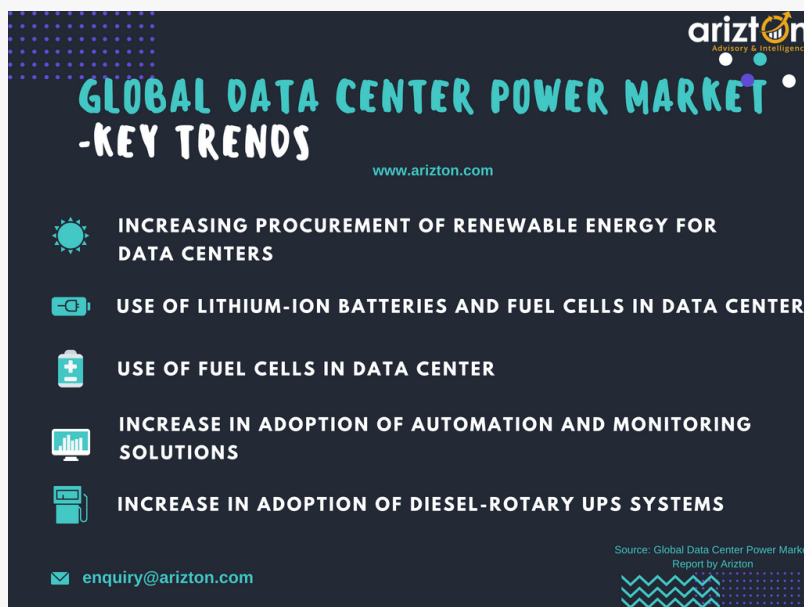
Data Center Power Market - Segmentation

This market research report includes a detailed segmentation of the market by electrical infrastructure, UPS systems, generators, tier standards, and geography. The UPS segment dominated the majority of the market share in 2017, growing at a CAGR of over 6% during the forecast period. The increase in adoption of flywheel or lithium ion UPS systems is augmenting the development of this segment in the global market. Installation of 500 kVA - 1000 kVA UPS systems across multiple data halls to boost revenues in the global data center power market.

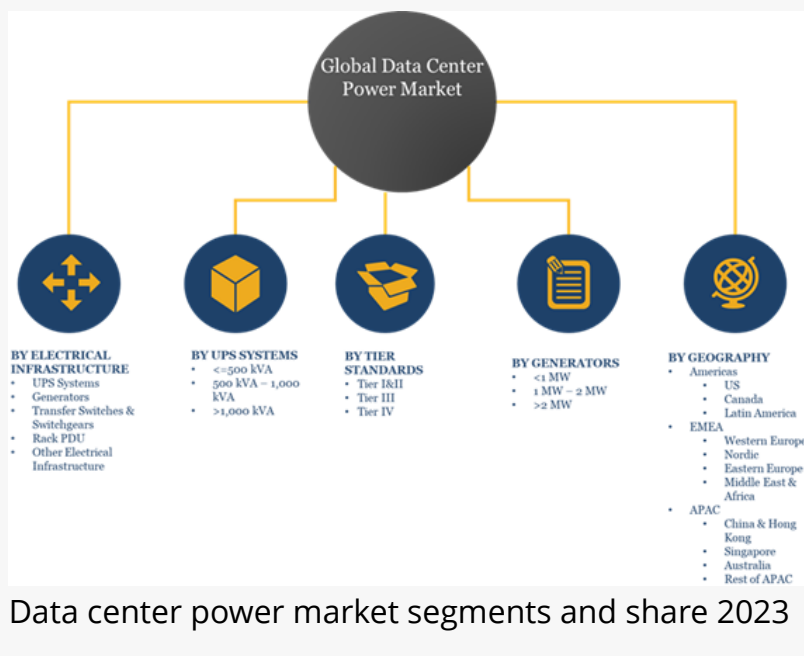
The >2 MW segment dominated the market share in 2017, growing at a CAGR of around 6% during the forecast period. Tier III segment occupied the largest market share in 2017, growing at a CAGR of more than 5% during the forecast period. More than 1000 kVA UPS systems occupied around 1/3rd of the market share in 2017, growing at a CAGR of over 6% during the forecast period.



Arizton Advisory and Intelligence



Top Trends- Data Center Power Market 2023



Data center power market segments and share 2023

Market Segmentation by Electrical Infrastructure

- UPS systems
- Generators
- Transfer Switch and Switchgear
- Rack PDU
- Other Infrastructure

Market Segmentation by UPS Systems

- ≤500 kVA
- 500 kVA - 1000 kVA
- ≥1000 kVA

Market Segmentation by Generators

- ≤1 MW
- 1 MW - 2 MW
- ≥2 MW

Market Segmentation by Tier Standard

- Tier I and Tier II
- Tier III
- Tier IV

Data Center Power Market - Geography

The global data center power market by geography is segmented into Americas, EMEA, and APAC. The Americas dominated more than 1/3rd of the market share in 2017, growing at a CAGR of around 4% during the forecast period. Mega datacenters with a capacity of over 10 MW across the globe will increase the demand for efficient infrastructure in the global data center power market over the next few years. APAC dominated 1/3rd of the market share in 2017, growing at a CAGR of more than 9% during the forecast period. The growing internet population, increasing use of social media, penetration of smartphones, adoption of public cloud and hybrid cloud services, and the need for enterprises to migrate from a server room environment to datacenters are some of the factors attributing to the growth of this region.

Market Segmentation by Geography

- Americas
 - o US
 - o Canada
 - o Latin America
- EMEA
 - o Western Europe
 - o Nordic
 - o Eastern Europe
 - o MEA
- APAC
 - o China & Hong Kong
 - o Singapore
 - o Australia
 - o Rest of APAC

Key Vendor Analysis

The global data center power market is witnessing the presence of top players that are developing innovative products which offer 90% efficiencies across facilities. The partnership between vendors and facilities operators is critical and will intensify the competition in the global market. Facility operators will consider adoption of lithium-ion batteries, fuel cell technology, and intelligent PDUs to improve the efficiency of the facility. Vendors are innovating on modular power solutions that help reduce power wastage and improve efficiency which will intensify the competition in the global data center power market during the forecast period.

The major vendors in the global market are:

- ABB
- Caterpillar
- Cummins
- Eaton
- Schneider Electric
- Vertiv

Other prominent vendors include AEG Power Solutions, Active Power (Piller Power Systems), Bloom Energy (Fuel Cells), Cyber Power Systems, Delta Group, FG Wilson, Fuji Electric, Geist Global, Genrac Power Systems, Hitachi Hi-Rel Power Electronics, Hitech Power Protection, HPE, KHOLER (SDMO), Legrand, Mitsubishi Electric Corporation, MTU On Site Energy, Riello UPS, Rittal, KSTAR, Socomec Group, Toshiba, Tripp Lite, and Yanmar Group (HIMOINSA).

[Order a report here.](#)

Key market insights include

1. The analysis of global data center power market provides market size and growth rate for the forecast period 2018-2023.
2. It offers comprehensive insights into current industry trends, trend forecast, and growth drivers about the global data center power market.
3. The report provides the latest analysis of market share, growth drivers, challenges, and investment opportunities.
4. It offers a complete overview of market segments and the regional outlook of the global market.
5. The report offers a detailed overview of the vendor landscape, competitive analysis, and key market strategies to gain competitive advantage.

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