

# Power Infrastructure for Data Centers: Global Markets

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## Abstracts

This report provides a detailed analysis of the global market for power infrastructure for data centers, reflecting the latest data, trends, and market projections. Data center power infrastructure comprises all electrical systems and digital controls that enable reliable power intake, generation, backup, conditioning, distribution, and monitoring across a data center facility, ensuring high availability and operational resilience from grid interface to rack-level delivery. It includes both capital equipment and embedded power software and control systems used in hyperscale, colocation, enterprise, and managed data centers worldwide.

The report focuses on the power infrastructure component, data center type, and end-use aspects of data center power infrastructure. The base year for the study is 2024, with estimates and forecasts for 2025 through 2030. Market estimates are valued in U.S. dollars (millions). Forecast growth rates are based on expected industry capacity additions, feedback from industry leaders, revenue reported by major companies, and anticipated regulatory updates. Data from major data center associations—such as the AFCOM Association, Data Center Coalition, Dutch Data Center Association, International Data Center Authority, Swiss Data Center Association, and the Asia-Pacific Data Centre Association—were used to anticipate market dynamics and estimate market size.

## Report Includes

Overview and an analysis of the global market for power infrastructure for data centers

Analyses of the global market trends, with historic revenue data from 2024, estimates for 2025 and projections of CAGRs through 2030

Estimates of the current market size and revenue forecasts, accompanied by a corresponding market share analysis based on component, data center type, end-user industry and region

Facts and figures pertaining to market dynamics, technological advances, regulations, prospects and the impact of macroeconomic variables

Insights derived from Porter's Five Forces model, as well as global supply chain analyses

Patent review, featuring key granted and published patents

Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, as well as the ESG risk ratings and practices of leading companies

Analysis of the industry structure, including companies' market shares, product mappings analysis, strategic initiatives, M&A activity and a venture funding outlook

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ABB

CATERPILLAR

CUMMINS INC.

DELTA ELECTRONICS INC.

EATON

HUAWEI TECHNOLOGIES CO. LTD.

LEGRAND

SCHNEIDER ELECTRIC

SIEMENS

VERTIV GROUP CORP.

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