

Global Data Center 800V DC Power Supply System Market Growth 2026-2032

<https://marketpublishers.com/r/G8EE267F7038EN.html>

Date: October 2026

Pages: 103

Price: US\$ 3,660.00 (Single User License)

ID: G8EE267F7038EN

Abstracts

The global Data Center 800V DC Power Supply System market size is predicted to grow from US\$ 309 million in 2025 to US\$ 662 million in 2032; it is expected to grow at a CAGR of 11.1% from 2026 to 2032.

A Data Center 800V DC Power Supply System is an emerging power infrastructure architecture designed for high-density AI servers, high-performance computing clusters, and megawatt-scale IT racks. The system centrally or distributively converts incoming medium- or low-voltage AC power into approximately 800V DC and delivers it to computing racks through DC busways, power sidecars, protection devices, and distribution networks. Rack-level DC/DC converters subsequently step the voltage down to 48V, 12V, or lower point-of-load voltages required by processors and accelerators. Compared with conventional AC distribution and 48V DC architectures, an 800V DC system reduces transmission current, conductor losses, copper requirements, and intermediate power-conversion stages while improving power efficiency, rack-space utilization, and scalability for high-density computing loads. A typical system includes AC/DC rectifiers, 800V DC busways, DC switching and protection equipment, rack-level DC/DC converters, monitoring and control systems, and battery or supercapacitor-based energy storage, and may be deployed through centralized facility-level, row- or sidecar-level, or modular rack-level configurations.

The Data Center 800V DC Power Supply System market remains at an early stage of commercialization, and leading suppliers generally provide project-specific quotations based on system capacity, bus architecture, redundancy level, energy-storage configuration, protection scheme, and site installation requirements. As a result, standardized catalog pricing has not yet been established. For sidecar-based or modular systems designed for high-density AI racks with capacities ranging from

approximately 400 kW to 1.2 MW, equipment-level pricing in 2026 is estimated at around US\$300–700 per kW when the scope includes AC/DC rectifier modules, an 800V DC bus, DC protection devices, and control systems, but excludes upstream transformers, civil works, and in-rack DC/DC converters. On this basis, an 800 kW system may cost approximately US\$240,000–560,000, while a 1.2 MW system may cost around US\$360,000–840,000. When N+1, 2N, or multi-bus redundancy, lithium-ion batteries, supercapacitors, solid-state DC circuit breakers, busways, and on-site commissioning services are included, the total delivered system price may increase to approximately US\$600–1,200 per kW. Because the 800VDC supply chain has not yet reached full scale, high-voltage power-conversion and DC protection components remain relatively expensive, and project customization is substantial, early-stage system prices are expected to remain higher than those of mature conventional AC power architectures. However, unit pricing is likely to decline as AI data-center deployment expands, system designs become more standardized, and manufacturing volumes increase.

The global Data Center 800V DC Power Supply System market is currently transitioning from technology development and ecosystem formation toward early commercial deployment, primarily driven by generative AI, large-model training, high-performance computing, and rapidly increasing rack power density. As next-generation GPU platforms and AI clusters move toward several hundred kilowatts or even megawatt-scale power per rack, conventional AC and 48V DC architectures face growing challenges related to high current, copper consumption, space requirements, heat generation, and conversion losses. This is accelerating the development of 800V DC rectifiers, power sidecars, busways, protection equipment, DC/DC converter modules, and energy-storage solutions. NVIDIA is working with Vertiv, Eaton, Schneider Electric, and other power-infrastructure suppliers to establish an 800V DC ecosystem, with certain platforms and product portfolios expected to enter the market from the second half of 2026 through 2027 alongside next-generation AI computing systems. In the near term, sidecar-based and modular 800V DC solutions are expected to support upgrades of existing data centers, while centralized facility-level 800V DC distribution is likely to become an important long-term architecture for newly constructed hyperscale AI data centers. However, DC fault protection, grounding, interoperability, technical standards, workforce readiness, and initial capital costs remain key constraints on widespread adoption.

LP Information, Inc. (LPI) ' newest research report, the "Data Center 800V DC Power Supply System Industry Forecast" looks at past sales and reviews total world Data Center 800V DC Power Supply System sales in 2025, providing a comprehensive

analysis by region and market sector of projected Data Center 800V DC Power Supply System sales for 2026 through 2032. With Data Center 800V DC Power Supply System sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Data Center 800V DC Power Supply System industry.

This Insight Report provides a comprehensive analysis of the global Data Center 800V DC Power Supply System landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Data Center 800V DC Power Supply System portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Data Center 800V DC Power Supply System market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Data Center 800V DC Power Supply System and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Data Center 800V DC Power Supply System.

This report presents a comprehensive overview, market shares, and growth opportunities of Data Center 800V DC Power Supply System market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single-Bus Architecture

Dual-Bus Architecture

Multi-Bus Redundant Architecture

Segmentation by In-Rack Voltage Conversion Path:

800V-to-48V Architecture

800V-to-12V Architecture

Others

Segmentation by Application:

AI Data Center

High-Performance Computing (HPC)

Cloud Computing and Enterprise Data Center

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Vertiv

Eaton

Schneider Electric

Siemens

ABB

Hitachi Energy

GE Vernova

Mitsubishi Electric

Delta Electronics

Key Questions Addressed in this Report

What is the 10-year outlook for the global Data Center 800V DC Power Supply System market?

What factors are driving Data Center 800V DC Power Supply System market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Data Center 800V DC Power Supply System market opportunities vary by end market size?

How does Data Center 800V DC Power Supply System break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Data Center 800V DC Power Supply System Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Data Center 800V DC Power Supply System by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Data Center 800V DC Power Supply System by Country/Region, 2021, 2025 & 2032
- 2.2 Data Center 800V DC Power Supply System Segment by Type
 - 2.2.1 Single-Bus Architecture
 - 2.2.2 Dual-Bus Architecture
 - 2.2.3 Multi-Bus Redundant Architecture
 - 2.2.4 Data Center 800V DC Power Supply System Sales by Type
 - 2.2.4.1 Global Data Center 800V DC Power Supply System Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Data Center 800V DC Power Supply System Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Data Center 800V DC Power Supply System Sale Price by Type (2021-2026)
- 2.3 Data Center 800V DC Power Supply System Segment by In-Rack Voltage Conversion Path
 - 2.3.1 800V-to-48V Architecture
 - 2.3.2 800V-to-12V Architecture
 - 2.3.3 Others
 - 2.3.4 Data Center 800V DC Power Supply System Sales by In-Rack Voltage Conversion Path

2.3.4.1 Global Data Center 800V DC Power Supply System Sales Market Share by In-Rack Voltage Conversion Path (2021-2026)

2.3.4.2 Global Data Center 800V DC Power Supply System Revenue and Market Share by In-Rack Voltage Conversion Path (2021-2026)

2.3.4.3 Global Data Center 800V DC Power Supply System Sale Price by In-Rack Voltage Conversion Path (2021-2026)

2.4 Data Center 800V DC Power Supply System Segment by Application

2.4.1 AI Data Center

2.4.2 High-Performance Computing (HPC)

2.4.3 Cloud Computing and Enterprise Data Center

2.4.4 Others

2.4.5 Data Center 800V DC Power Supply System Sales by Application

2.4.5.1 Global Data Center 800V DC Power Supply System Sale Market Share by Application (2021-2026)

2.4.5.2 Global Data Center 800V DC Power Supply System Revenue and Market Share by Application (2021-2026)

2.4.5.3 Global Data Center 800V DC Power Supply System Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Data Center 800V DC Power Supply System Breakdown Data by Company

3.1.1 Global Data Center 800V DC Power Supply System Annual Sales by Company (2021-2026)

3.1.2 Global Data Center 800V DC Power Supply System Sales Market Share by Company (2021-2026)

3.2 Global Data Center 800V DC Power Supply System Annual Revenue by Company (2021-2026)

3.2.1 Global Data Center 800V DC Power Supply System Revenue by Company (2021-2026)

3.2.2 Global Data Center 800V DC Power Supply System Revenue Market Share by Company (2021-2026)

3.3 Global Data Center 800V DC Power Supply System Sale Price by Company

3.4 Key Manufacturers Data Center 800V DC Power Supply System Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Data Center 800V DC Power Supply System Product Location Distribution

3.4.2 Players Data Center 800V DC Power Supply System Products Offered

3.5 Market Concentration Rate Analysis

- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR DATA CENTER 800V DC POWER SUPPLY SYSTEM BY GEOGRAPHIC REGION

- 4.1 World Historic Data Center 800V DC Power Supply System Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Data Center 800V DC Power Supply System Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Data Center 800V DC Power Supply System Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Data Center 800V DC Power Supply System Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Data Center 800V DC Power Supply System Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Data Center 800V DC Power Supply System Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Data Center 800V DC Power Supply System Sales Growth
- 4.4 APAC Data Center 800V DC Power Supply System Sales Growth
- 4.5 Europe Data Center 800V DC Power Supply System Sales Growth
- 4.6 Middle East & Africa Data Center 800V DC Power Supply System Sales Growth

5 AMERICAS

- 5.1 Americas Data Center 800V DC Power Supply System Sales by Country
 - 5.1.1 Americas Data Center 800V DC Power Supply System Sales by Country (2021-2026)
 - 5.1.2 Americas Data Center 800V DC Power Supply System Revenue by Country (2021-2026)
- 5.2 Americas Data Center 800V DC Power Supply System Sales by Type (2021-2026)
- 5.3 Americas Data Center 800V DC Power Supply System Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

6.1 APAC Data Center 800V DC Power Supply System Sales by Region

6.1.1 APAC Data Center 800V DC Power Supply System Sales by Region (2021-2026)

6.1.2 APAC Data Center 800V DC Power Supply System Revenue by Region (2021-2026)

6.2 APAC Data Center 800V DC Power Supply System Sales by Type (2021-2026)

6.3 APAC Data Center 800V DC Power Supply System Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Data Center 800V DC Power Supply System by Country

7.1.1 Europe Data Center 800V DC Power Supply System Sales by Country (2021-2026)

7.1.2 Europe Data Center 800V DC Power Supply System Revenue by Country (2021-2026)

7.2 Europe Data Center 800V DC Power Supply System Sales by Type (2021-2026)

7.3 Europe Data Center 800V DC Power Supply System Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Data Center 800V DC Power Supply System by Country

8.1.1 Middle East & Africa Data Center 800V DC Power Supply System Sales by

Country (2021-2026)

8.1.2 Middle East & Africa Data Center 800V DC Power Supply System Revenue by Country (2021-2026)

8.2 Middle East & Africa Data Center 800V DC Power Supply System Sales by Type (2021-2026)

8.3 Middle East & Africa Data Center 800V DC Power Supply System Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Data Center 800V DC Power Supply System

10.3 Manufacturing Process Analysis of Data Center 800V DC Power Supply System

10.4 Industry Chain Structure of Data Center 800V DC Power Supply System

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Data Center 800V DC Power Supply System Distributors

11.3 Data Center 800V DC Power Supply System Customer

12 WORLD FORECAST REVIEW FOR DATA CENTER 800V DC POWER SUPPLY SYSTEM BY GEOGRAPHIC REGION

12.1 Global Data Center 800V DC Power Supply System Market Size Forecast by

Region

12.1.1 Global Data Center 800V DC Power Supply System Forecast by Region (2027-2032)

12.1.2 Global Data Center 800V DC Power Supply System Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Data Center 800V DC Power Supply System Forecast by Type (2027-2032)

12.7 Global Data Center 800V DC Power Supply System Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Vertiv

13.1.1 Vertiv Company Information

13.1.2 Vertiv Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.1.3 Vertiv Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Vertiv Main Business Overview

13.1.5 Vertiv Latest Developments

13.2 Eaton

13.2.1 Eaton Company Information

13.2.2 Eaton Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.2.3 Eaton Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Eaton Main Business Overview

13.2.5 Eaton Latest Developments

13.3 Schneider Electric

13.3.1 Schneider Electric Company Information

13.3.2 Schneider Electric Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.3.3 Schneider Electric Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Schneider Electric Main Business Overview

13.3.5 Schneider Electric Latest Developments

13.4 Siemens

13.4.1 Siemens Company Information

13.4.2 Siemens Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.4.3 Siemens Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Siemens Main Business Overview

13.4.5 Siemens Latest Developments

13.5 ABB

13.5.1 ABB Company Information

13.5.2 ABB Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.5.3 ABB Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 ABB Main Business Overview

13.5.5 ABB Latest Developments

13.6 Hitachi Energy

13.6.1 Hitachi Energy Company Information

13.6.2 Hitachi Energy Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.6.3 Hitachi Energy Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Hitachi Energy Main Business Overview

13.6.5 Hitachi Energy Latest Developments

13.7 GE Vernova

13.7.1 GE Vernova Company Information

13.7.2 GE Vernova Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.7.3 GE Vernova Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 GE Vernova Main Business Overview

13.7.5 GE Vernova Latest Developments

13.8 Mitsubishi Electric

13.8.1 Mitsubishi Electric Company Information

13.8.2 Mitsubishi Electric Data Center 800V DC Power Supply System Product Portfolios and Specifications

13.8.3 Mitsubishi Electric Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Mitsubishi Electric Main Business Overview

13.8.5 Mitsubishi Electric Latest Developments

13.9 Delta Electronics

13.9.1 Delta Electronics Company Information

13.9.2 Delta Electronics Data Center 800V DC Power Supply System Product

Portfolios and Specifications

13.9.3 Delta Electronics Data Center 800V DC Power Supply System Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Delta Electronics Main Business Overview

13.9.5 Delta Electronics Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Data Center 800V DC Power Supply System Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Data Center 800V DC Power Supply System Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Single-Bus Architecture
- Table 4. Major Players of Dual-Bus Architecture
- Table 5. Major Players of Multi-Bus Redundant Architecture
- Table 6. Global Data Center 800V DC Power Supply System Sales by Type (2021-2026) & (Units)
- Table 7. Global Data Center 800V DC Power Supply System Sales Market Share by Type (2021-2026)
- Table 8. Global Data Center 800V DC Power Supply System Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global Data Center 800V DC Power Supply System Revenue Market Share by Type (2021-2026)
- Table 10. Global Data Center 800V DC Power Supply System Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 11. Major Players of 800V-to-48V Architecture
- Table 12. Major Players of 800V-to-12V Architecture
- Table 13. Major Players of Others
- Table 14. Global Data Center 800V DC Power Supply System Sales by In-Rack Voltage Conversion Path (2021-2026) & (Units)
- Table 15. Global Data Center 800V DC Power Supply System Sales Market Share by In-Rack Voltage Conversion Path (2021-2026)
- Table 16. Global Data Center 800V DC Power Supply System Revenue by In-Rack Voltage Conversion Path (2021-2026) & (\$ million)
- Table 17. Global Data Center 800V DC Power Supply System Revenue Market Share by In-Rack Voltage Conversion Path (2021-2026)
- Table 18. Global Data Center 800V DC Power Supply System Sale Price by In-Rack Voltage Conversion Path (2021-2026) & (US\$/Unit)
- Table 19. Global Data Center 800V DC Power Supply System Sale by Application (2021-2026) & (Units)
- Table 20. Global Data Center 800V DC Power Supply System Sale Market Share by Application (2021-2026)
- Table 21. Global Data Center 800V DC Power Supply System Revenue by Application

(2021-2026) & (\$ million)

Table 22. Global Data Center 800V DC Power Supply System Revenue Market Share by Application (2021-2026)

Table 23. Global Data Center 800V DC Power Supply System Sale Price by Application (2021-2026) & (US\$/Unit)

Table 24. Global Data Center 800V DC Power Supply System Sales by Company (2021-2026) & (Units)

Table 25. Global Data Center 800V DC Power Supply System Sales Market Share by Company (2021-2026)

Table 26. Global Data Center 800V DC Power Supply System Revenue by Company (2021-2026) & (\$ millions)

Table 27. Global Data Center 800V DC Power Supply System Revenue Market Share by Company (2021-2026)

Table 28. Global Data Center 800V DC Power Supply System Sale Price by Company (2021-2026) & (US\$/Unit)

Table 29. Key Manufacturers Data Center 800V DC Power Supply System Producing Area Distribution and Sales Area

Table 30. Players Data Center 800V DC Power Supply System Products Offered

Table 31. Data Center 800V DC Power Supply System Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 32. New Products and Potential Entrants

Table 33. Market M&A Activity & Strategy

Table 34. Global Data Center 800V DC Power Supply System Sales by Geographic Region (2021-2026) & (Units)

Table 35. Global Data Center 800V DC Power Supply System Sales Market Share Geographic Region (2021-2026)

Table 36. Global Data Center 800V DC Power Supply System Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 37. Global Data Center 800V DC Power Supply System Revenue Market Share by Geographic Region (2021-2026)

Table 38. Global Data Center 800V DC Power Supply System Sales by Country/Region (2021-2026) & (Units)

Table 39. Global Data Center 800V DC Power Supply System Sales Market Share by Country/Region (2021-2026)

Table 40. Global Data Center 800V DC Power Supply System Revenue by Country/Region (2021-2026) & (\$ millions)

Table 41. Global Data Center 800V DC Power Supply System Revenue Market Share by Country/Region (2021-2026)

Table 42. Americas Data Center 800V DC Power Supply System Sales by Country

(2021-2026) & (Units)

Table 43. Americas Data Center 800V DC Power Supply System Sales Market Share by Country (2021-2026)

Table 44. Americas Data Center 800V DC Power Supply System Revenue by Country (2021-2026) & (\$ millions)

Table 45. Americas Data Center 800V DC Power Supply System Sales by Type (2021-2026) & (Units)

Table 46. Americas Data Center 800V DC Power Supply System Sales by Application (2021-2026) & (Units)

Table 47. APAC Data Center 800V DC Power Supply System Sales by Region (2021-2026) & (Units)

Table 48. APAC Data Center 800V DC Power Supply System Sales Market Share by Region (2021-2026)

Table 49. APAC Data Center 800V DC Power Supply System Revenue by Region (2021-2026) & (\$ millions)

Table 50. APAC Data Center 800V DC Power Supply System Sales by Type (2021-2026) & (Units)

Table 51. APAC Data Center 800V DC Power Supply System Sales by Application (2021-2026) & (Units)

Table 52. Europe Data Center 800V DC Power Supply System Sales by Country (2021-2026) & (Units)

Table 53. Europe Data Center 800V DC Power Supply System Revenue by Country (2021-2026) & (\$ millions)

Table 54. Europe Data Center 800V DC Power Supply System Sales by Type (2021-2026) & (Units)

Table 55. Europe Data Center 800V DC Power Supply System Sales by Application (2021-2026) & (Units)

Table 56. Middle East & Africa Data Center 800V DC Power Supply System Sales by Country (2021-2026) & (Units)

Table 57. Middle East & Africa Data Center 800V DC Power Supply System Revenue Market Share by Country (2021-2026)

Table 58. Middle East & Africa Data Center 800V DC Power Supply System Sales by Type (2021-2026) & (Units)

Table 59. Middle East & Africa Data Center 800V DC Power Supply System Sales by Application (2021-2026) & (Units)

Table 60. Key Market Drivers & Growth Opportunities of Data Center 800V DC Power Supply System

Table 61. Key Market Challenges & Risks of Data Center 800V DC Power Supply System

Table 62. Key Industry Trends of Data Center 800V DC Power Supply System
Table 63. Data Center 800V DC Power Supply System Raw Material
Table 64. Key Suppliers of Raw Materials
Table 65. Data Center 800V DC Power Supply System Distributors List
Table 66. Data Center 800V DC Power Supply System Customer List
Table 67. Global Data Center 800V DC Power Supply System Sales Forecast by Region (2027-2032) & (Units)
Table 68. Global Data Center 800V DC Power Supply System Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 69. Americas Data Center 800V DC Power Supply System Sales Forecast by Country (2027-2032) & (Units)
Table 70. Americas Data Center 800V DC Power Supply System Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 71. APAC Data Center 800V DC Power Supply System Sales Forecast by Region (2027-2032) & (Units)
Table 72. APAC Data Center 800V DC Power Supply System Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 73. Europe Data Center 800V DC Power Supply System Sales Forecast by Country (2027-2032) & (Units)
Table 74. Europe Data Center 800V DC Power Supply System Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 75. Middle East & Africa Data Center 800V DC Power Supply System Sales Forecast by Country (2027-2032) & (Units)
Table 76. Middle East & Africa Data Center 800V DC Power Supply System Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 77. Global Data Center 800V DC Power Supply System Sales Forecast by Type (2027-2032) & (Units)
Table 78. Global Data Center 800V DC Power Supply System Revenue Forecast by Type (2027-2032) & (\$ millions)
Table 79. Global Data Center 800V DC Power Supply System Sales Forecast by Application (2027-2032) & (Units)
Table 80. Global Data Center 800V DC Power Supply System Revenue Forecast by Application (2027-2032) & (\$ millions)
Table 81. Vertiv Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors
Table 82. Vertiv Data Center 800V DC Power Supply System Product Portfolios and Specifications
Table 83. Vertiv Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 84. Vertiv Main Business
Table 85. Vertiv Latest Developments
Table 86. Eaton Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors
Table 87. Eaton Data Center 800V DC Power Supply System Product Portfolios and Specifications
Table 88. Eaton Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 89. Eaton Main Business
Table 90. Eaton Latest Developments
Table 91. Schneider Electric Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors
Table 92. Schneider Electric Data Center 800V DC Power Supply System Product Portfolios and Specifications
Table 93. Schneider Electric Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 94. Schneider Electric Main Business
Table 95. Schneider Electric Latest Developments
Table 96. Siemens Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors
Table 97. Siemens Data Center 800V DC Power Supply System Product Portfolios and Specifications
Table 98. Siemens Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 99. Siemens Main Business
Table 100. Siemens Latest Developments
Table 101. ABB Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors
Table 102. ABB Data Center 800V DC Power Supply System Product Portfolios and Specifications
Table 103. ABB Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 104. ABB Main Business
Table 105. ABB Latest Developments
Table 106. Hitachi Energy Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors
Table 107. Hitachi Energy Data Center 800V DC Power Supply System Product Portfolios and Specifications
Table 108. Hitachi Energy Data Center 800V DC Power Supply System Sales (Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 109. Hitachi Energy Main Business

Table 110. Hitachi Energy Latest Developments

Table 111. GE Vernova Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors

Table 112. GE Vernova Data Center 800V DC Power Supply System Product Portfolios and Specifications

Table 113. GE Vernova Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 114. GE Vernova Main Business

Table 115. GE Vernova Latest Developments

Table 116. Mitsubishi Electric Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors

Table 117. Mitsubishi Electric Data Center 800V DC Power Supply System Product Portfolios and Specifications

Table 118. Mitsubishi Electric Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 119. Mitsubishi Electric Main Business

Table 120. Mitsubishi Electric Latest Developments

Table 121. Delta Electronics Basic Information, Data Center 800V DC Power Supply System Manufacturing Base, Sales Area and Its Competitors

Table 122. Delta Electronics Data Center 800V DC Power Supply System Product Portfolios and Specifications

Table 123. Delta Electronics Data Center 800V DC Power Supply System Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 124. Delta Electronics Main Business

Table 125. Delta Electronics Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Data Center 800V DC Power Supply System
- Figure 2. Data Center 800V DC Power Supply System Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Data Center 800V DC Power Supply System Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global Data Center 800V DC Power Supply System Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Data Center 800V DC Power Supply System Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Data Center 800V DC Power Supply System Sales Market Share by Country/Region (2025)
- Figure 10. Data Center 800V DC Power Supply System Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Single-Bus Architecture
- Figure 12. Product Picture of Dual-Bus Architecture
- Figure 13. Product Picture of Multi-Bus Redundant Architecture
- Figure 14. Global Data Center 800V DC Power Supply System Sales Market Share by Type in 2026
- Figure 15. Global Data Center 800V DC Power Supply System Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of 800V-to-48V Architecture
- Figure 17. Product Picture of 800V-to-12V Architecture
- Figure 18. Product Picture of Others
- Figure 19. Global Data Center 800V DC Power Supply System Sales Market Share by In-Rack Voltage Conversion Path in 2026
- Figure 20. Global Data Center 800V DC Power Supply System Revenue Market Share by In-Rack Voltage Conversion Path (2021-2026)
- Figure 21. Data Center 800V DC Power Supply System Consumed in AI Data Center
- Figure 22. Global Data Center 800V DC Power Supply System Market: AI Data Center (2021-2026) & (Units)
- Figure 23. Data Center 800V DC Power Supply System Consumed in High-Performance Computing (HPC)
- Figure 24. Global Data Center 800V DC Power Supply System Market: High-

Performance Computing (HPC) (2021-2026) & (Units)

Figure 25. Data Center 800V DC Power Supply System Consumed in Cloud Computing and Enterprise Data Center

Figure 26. Global Data Center 800V DC Power Supply System Market: Cloud Computing and Enterprise Data Center (2021-2026) & (Units)

Figure 27. Data Center 800V DC Power Supply System Consumed in Others

Figure 28. Global Data Center 800V DC Power Supply System Market: Others (2021-2026) & (Units)

Figure 29. Global Data Center 800V DC Power Supply System Sale Market Share by Application (2025)

Figure 30. Global Data Center 800V DC Power Supply System Revenue Market Share by Application in 2025

Figure 31. Data Center 800V DC Power Supply System Sales by Company in 2025 (Units)

Figure 32. Global Data Center 800V DC Power Supply System Sales Market Share by Company in 2025

Figure 33. Data Center 800V DC Power Supply System Revenue by Company in 2025 (\$ millions)

Figure 34. Global Data Center 800V DC Power Supply System Revenue Market Share by Company in 2025

Figure 35. Global Data Center 800V DC Power Supply System Sales Market Share by Geographic Region (2021-2026)

Figure 36. Global Data Center 800V DC Power Supply System Revenue Market Share by Geographic Region in 2025

Figure 37. Americas Data Center 800V DC Power Supply System Sales 2021-2026 (Units)

Figure 38. Americas Data Center 800V DC Power Supply System Revenue 2021-2026 (\$ millions)

Figure 39. APAC Data Center 800V DC Power Supply System Sales 2021-2026 (Units)

Figure 40. APAC Data Center 800V DC Power Supply System Revenue 2021-2026 (\$ millions)

Figure 41. Europe Data Center 800V DC Power Supply System Sales 2021-2026 (Units)

Figure 42. Europe Data Center 800V DC Power Supply System Revenue 2021-2026 (\$ millions)

Figure 43. Middle East & Africa Data Center 800V DC Power Supply System Sales 2021-2026 (Units)

Figure 44. Middle East & Africa Data Center 800V DC Power Supply System Revenue 2021-2026 (\$ millions)

Figure 45. Americas Data Center 800V DC Power Supply System Sales Market Share by Country in 2025

Figure 46. Americas Data Center 800V DC Power Supply System Revenue Market Share by Country (2021-2026)

Figure 47. Americas Data Center 800V DC Power Supply System Sales Market Share by Type (2021-2026)

Figure 48. Americas Data Center 800V DC Power Supply System Sales Market Share by Application (2021-2026)

Figure 49. United States Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 50. Canada Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 51. Mexico Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 52. Brazil Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 53. APAC Data Center 800V DC Power Supply System Sales Market Share by Region in 2025

Figure 54. APAC Data Center 800V DC Power Supply System Revenue Market Share by Region (2021-2026)

Figure 55. APAC Data Center 800V DC Power Supply System Sales Market Share by Type (2021-2026)

Figure 56. APAC Data Center 800V DC Power Supply System Sales Market Share by Application (2021-2026)

Figure 57. China Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 58. Japan Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 59. South Korea Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 60. Southeast Asia Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 61. India Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 62. Australia Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 63. China Taiwan Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 64. Europe Data Center 800V DC Power Supply System Sales Market Share by

Country in 2025

Figure 65. Europe Data Center 800V DC Power Supply System Revenue Market Share by Country (2021-2026)

Figure 66. Europe Data Center 800V DC Power Supply System Sales Market Share by Type (2021-2026)

Figure 67. Europe Data Center 800V DC Power Supply System Sales Market Share by Application (2021-2026)

Figure 68. Germany Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 69. France Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 70. UK Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 71. Italy Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 72. Russia Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 73. Middle East & Africa Data Center 800V DC Power Supply System Sales Market Share by Country (2021-2026)

Figure 74. Middle East & Africa Data Center 800V DC Power Supply System Sales Market Share by Type (2021-2026)

Figure 75. Middle East & Africa Data Center 800V DC Power Supply System Sales Market Share by Application (2021-2026)

Figure 76. Egypt Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 77. South Africa Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 78. Israel Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 79. Turkey Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 80. GCC Countries Data Center 800V DC Power Supply System Revenue Growth 2021-2026 (\$ millions)

Figure 81. Manufacturing Cost Structure Analysis of Data Center 800V DC Power Supply System in 2026

Figure 82. Manufacturing Process Analysis of Data Center 800V DC Power Supply System

Figure 83. Industry Chain Structure of Data Center 800V DC Power Supply System

Figure 84. Channels of Distribution

Figure 85. Global Data Center 800V DC Power Supply System Sales Market Forecast by Region (2027-2032)

Figure 86. Global Data Center 800V DC Power Supply System Revenue Market Share Forecast by Region (2027-2032)

Figure 87. Global Data Center 800V DC Power Supply System Sales Market Share Forecast by Type (2027-2032)

Figure 88. Global Data Center 800V DC Power Supply System Revenue Market Share Forecast by Type (2027-2032)

Figure 89. Global Data Center 800V DC Power Supply System Sales Market Share Forecast by Application (2027-2032)

Figure 90. Global Data Center 800V DC Power Supply System Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Data Center 800V DC Power Supply System Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G8EE267F7038EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8EE267F7038EN.html>