

# **Europe Data Center Power Market 2022-2032 by Component (Solutions, Software, Services), Infrastructure (UPS, Generators, Switches & Switchgears, PDUs), Data Center Type (Modular, Colocation, Cloud, Edge, Hyperscale, Micro Mobile), Data Center Tier (I & II, III, IV), Industry Vertical, Data Center Size, and Country: Trend Forecast and Growth Opportunity**

<https://marketpublishers.com/r/EC896459999DEN.html>

Date: January 2023

Pages: 134

Price: US\$ 2,210.00 (Single User License)

ID: EC896459999DEN

## **Abstracts**

Europe data center power market was valued at \$5,011.7 million in 2022 and will grow by 7.0% annually over 2022-2032, driven by the growing construction of new data centers, the unprecedented rise in power consumption, and a high demand for highly efficient data center power solutions.

Highlighted with 39 tables and 73 figures, this 134-page report “Europe Data Center Power Market 2022-2032 by Component (Solutions, Software, Services), Infrastructure (UPS, Generators, Switches & Switchgears, PDUs), Data Center Type (Modular, Colocation, Cloud, Edge, Hyperscale, Micro Mobile), Data Center Tier (I & II, III, IV), Industry Vertical, Data Center Size, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Europe data center power market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at

least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Europe data center power market in every aspect of the classification from perspectives of Component, Infrastructure, Data Center Type, Data Center Tier, Industry Vertical, Data Center Size, and Country.

Based on Component, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Solutions

Power Monitoring

Power Distribution

Power Backup

Cabling Infrastructure

Software

Services

Training and Consulting

Integration and Deployment

Support and Maintenance

Based on Infrastructure, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

#### UPS Systems

500 kVA or below

500-1000 kVA

1000 kVA or above

#### Generators

3 MW

#### Transfer Switches & Switchgears

#### Power Distribution Units (PDUs)

#### Other Infrastructure

By Data Center Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

#### Modular Data Centers

#### Colocation Data Centers

#### Cloud Data Centers

#### Edge Data Centers

Hyperscale Data Centers

Micro Mobile Data Center

By Data Center Tier, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Tier I & II

Tier III

Tier IV

By Industry Vertical, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

IT & Telecom

Manufacturing

BFSI

Government & Defense

Healthcare

Retail

Energy

Other Industry Verticals

By Data Center Size, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Small and Medium Data Centers

Large Data Centers

Geographically, the following national/local markets are fully investigated:

Germany

UK

France

Ireland

Switzerland

Netherlands

Rest of Europe (further segmented into Italy, Spain, Russia, Poland, Sweden, Belgium, Austria, Norway, Denmark, and Finland)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Component, Infrastructure and Industry Vertical over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

### **Selected Key Players:**

ABB Ltd.

Black Box Corporation

Cisco Systems Inc.

Cyber Power Systems, Inc.

Delta Electronics Inc.

Eaton Corporation PLC

Fujitsu Ltd.

Huawei Technologies Co., Ltd.

Legrand SA

Rittal GmbH & Co. KG

Schleifenbauer

Schneider Electric SE

Siemens AG

Toshiba Corp.

Tripp Lite

Vertiv Holdings Co.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

## Contents

### **1 INTRODUCTION**

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### **2 MARKET OVERVIEW AND DYNAMICS**

- 2.1 Market Size and Forecast
  - 2.1.1 Impact of COVID-19 on World Economy
  - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

### **3 SEGMENTATION OF EUROPE MARKET BY COMPONENT**

- 3.1 Market Overview by Component
- 3.2 Solutions
  - 3.2.1 Power Monitoring
  - 3.2.2 Power Distribution
  - 3.2.3 Power Backup
  - 3.2.4 Cabling Infrastructure
- 3.3 Software
- 3.4 Services
  - 3.4.1 Training and Consulting
  - 3.4.2 Integration and Deployment

### 3.4.3 Support and Maintenance

## **4 SEGMENTATION OF EUROPE MARKET BY INFRASTRUCTURE**

### 4.1 Market Overview by Infrastructure

#### 4.2 UPS Systems

##### 4.2.1 500 kVA or below

##### 4.2.2 500-1000 kVA

##### 4.2.3 1000 kVA or above

#### 4.3 Generators

##### 4.3.1 3 MW

#### 4.4 Transfer Switches & Switchgears

#### 4.5 Power Distribution Units (PDUs)

#### 4.6 Other Infrastructure

## **5 SEGMENTATION OF EUROPE MARKET BY DATA CENTER TYPE**

### 5.1 Market Overview by Data Center Type

#### 5.2 Modular Data Centers

#### 5.3 Colocation Data Centers

#### 5.4 Cloud Data Centers

#### 5.5 Edge Data Centers

#### 5.6 Hyperscale Data Centers

#### 5.7 Micro Mobile Data Center

## **6 SEGMENTATION OF EUROPE MARKET BY DATA CENTER TIER**

### 6.1 Market Overview by Data Center Tier

#### 6.2 Tier I & II

#### 6.3 Tier III

#### 6.4 Tier IV

## **7 SEGMENTATION OF EUROPE MARKET BY INDUSTRY VERTICAL**

### 7.1 Market Overview by Industry Vertical

#### 7.2 IT & Telecom

#### 7.3 Manufacturing

#### 7.4 BFSI

#### 7.5 Government & Defense



- 7.6 Healthcare
- 7.7 Retail
- 7.8 Energy
- 7.9 Other Industry Verticals

## **8 SEGMENTATION OF EUROPE MARKET BY DATA CENTER SIZE**

- 8.1 Market Overview by Data Center Size
- 8.2 Small and Medium Data Centers
- 8.3 Large Data Centers

## **9 EUROPEAN MARKET 2022-2032 BY COUNTRY**

- 9.1 Overview of European Market
- 9.2 Germany
- 9.3 U.K.
- 9.4 France
- 9.5 Ireland
- 9.6 Switzerland
- 9.7 Netherlands
- 9.8 Rest of European Market

## **10 COMPETITIVE LANDSCAPE**

- 10.1 Overview of Key Vendors
- 10.2 New Product Launch, Partnership, Investment, and M&A
- 10.3 Company Profiles
  - ABB Ltd.
  - Black Box Corporation
  - Cisco Systems Inc.
  - Cyber Power Systems, Inc.
  - Delta Electronics Inc.
  - Eaton Corporation PLC
  - Fujitsu Ltd.
  - Huawei Technologies Co., Ltd.
  - Legrand SA
  - Rittal GmbH & Co. KG
  - Schleifenbauer
  - Schneider Electric SE

Siemens AG  
Toshiba Corp.  
Tripp Lite  
Vertiv Holdings Co.

## **RELATED REPORTS**

## List Of Tables

### LIST OF TABLES:

Table 1. Snapshot of Europe Data Center Power Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Worldwide Storage Capacity of Data Centers, 2015-2021, Exabytes

Table 5. Number of Data Centers by Top Countries, 2022

Table 6. Main Product Trends and Market Opportunities in Europe Data Center Power Market

Table 7. Europe Data Center Power Market by Component, 2022-2032, \$ mn

Table 8. Europe Data Center Power Market: Solutions by Type, 2022-2032, \$ mn

Table 9. Europe Data Center Power Market: Services by Type, 2022-2032, \$ mn

Table 10. Europe Data Center Power Market by Infrastructure, 2022-2032, \$ mn

Table 11. Europe Data Center Power Market: UPS Systems by Capacity, 2022-2032, \$ mn

Table 12. Europe Data Center Power Market: Generators by Capacity, 2022-2032, \$ mn

Table 13. Europe Data Center Power Market by Data Center Type, 2022-2032, \$ mn

Table 14. Europe Data Center Power Market by Data Center Tier, 2022-2032, \$ mn

Table 15. Europe Data Center Power Market by Industry Vertical, 2022-2032, \$ mn

Table 16. Europe Data Center Power Market by Data Center Size, 2022-2032, \$ mn

Table 17. Europe Data Center Power Market by Country, 2022-2032, \$ mn

Table 18. Germany Data Center Power Market by Component, 2022-2032, \$ mn

Table 19. Germany Data Center Power Market by Infrastructure, 2022-2032, \$ mn

Table 20. Germany Data Center Power Market by Industry Vertical, 2022-2032, \$ mn

Table 21. U.K. Data Center Power Market by Component, 2022-2032, \$ mn

Table 22. U.K. Data Center Power Market by Infrastructure, 2022-2032, \$ mn

Table 23. U.K. Data Center Power Market by Industry Vertical, 2022-2032, \$ mn

Table 24. France Data Center Power Market by Component, 2022-2032, \$ mn

Table 25. France Data Center Power Market by Infrastructure, 2022-2032, \$ mn

Table 26. France Data Center Power Market by Industry Vertical, 2022-2032, \$ mn

Table 27. Ireland Data Center Power Market by Component, 2022-2032, \$ mn

Table 28. Ireland Data Center Power Market by Infrastructure, 2022-2032, \$ mn

Table 29. Ireland Data Center Power Market by Industry Vertical, 2022-2032, \$ mn

Table 30. Switzerland Data Center Power Market by Component, 2022-2032, \$ mn

Table 31. Switzerland Data Center Power Market by Infrastructure, 2022-2032, \$ mn

Table 32. Switzerland Data Center Power Market by Industry Vertical, 2022-2032, \$ mn

Table 33. Netherlands Data Center Power Market by Component, 2022-2032, \$ mn

Table 34. Netherlands Data Center Power Market by Infrastructure, 2022-2032, \$ mn

Table 35. Netherlands Data Center Power Market by Industry Vertical, 2022-2032, \$ mn

Table 36. Data Center Power Market in Rest of Europe by Country, 2022-2032, \$ mn

Table 37. ABB Ltd.: Company Snapshot

Table 38. ABB Ltd.: Business Segmentation

Table 39. ABB Ltd.: Product Portfolio

## List Of Figures

### LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. Europe Data Center Power Market, 2022-2032, \$ mn

Figure 5. Europe Data Center Power Market, 2022-2032, MW

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Europe Data Center Power Market

Figure 8. World 5G Traffic, 2019-2030, EB/year

Figure 9. Primary Restraints and Impact Factors of Europe Data Center Power Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Europe Data Center Power Market

Figure 12. Breakdown of Europe Data Center Power Market by Component, 2022-2032, % of Revenue

Figure 13. Europe Addressable Market Cap in 2023-2032 by Component, Value (\$ mn) and Share (%)

Figure 14. Europe Data Center Power Market by Component: Solutions, 2022-2032, \$ mn

Figure 15. Europe Data Center Power Market by Solutions: Power Monitoring, 2022-2032, \$ mn

Figure 16. Europe Data Center Power Market by Solutions: Power Distribution, 2022-2032, \$ mn

Figure 17. Europe Data Center Power Market by Solutions: Power Backup, 2022-2032, \$ mn

Figure 18. Europe Data Center Power Market by Solutions: Cabling Infrastructure, 2022-2032, \$ mn

Figure 19. Europe Data Center Power Market by Component: Software, 2022-2032, \$ mn

Figure 20. Europe Data Center Power Market by Component: Services, 2022-2032, \$ mn

Figure 21. Europe Data Center Power Market by Services: Training and Consulting, 2022-2032, \$ mn

Figure 22. Europe Data Center Power Market by Services: Integration and Deployment, 2022-2032, \$ mn

Figure 23. Europe Data Center Power Market by Services: Support and Maintenance,

2022-2032, \$ mn

Figure 24. Breakdown of Europe Data Center Power Market by Infrastructure, 2022-2032, % of Sales Revenue

Figure 25. Europe Addressable Market Cap in 2023-2032 by Infrastructure, Value (\$ mn) and Share (%)

Figure 26. Europe Data Center Power Market by Infrastructure: UPS Systems, 2022-2032, \$ mn

Figure 27. Europe Data Center Power Market by UPS Systems: 500 kVA or below, 2022-2032, \$ mn

Figure 28. Europe Data Center Power Market by UPS Systems: 500-1000 kVA, 2022-2032, \$ mn

Figure 29. Europe Data Center Power Market by UPS Systems: 1000 kVA or above, 2022-2032, \$ mn

Figure 30. Europe Data Center Power Market by Infrastructure: Generators, 2022-2032, \$ mn

Figure 31. Europe Data Center Power Market by Generators: 3 MW, 2022-2032, \$ mn

Figure 34. Europe Data Center Power Market by Infrastructure: Transfer Switches & Switchgears, 2022-2032, \$ mn

Figure 35. Europe Data Center Power Market by Infrastructure: Power Distribution Units (PDUs), 2022-2032, \$ mn

Figure 36. Europe Data Center Power Market by Infrastructure: Other Infrastructure, 2022-2032, \$ mn

Figure 37. Breakdown of Europe Data Center Power Market by Data Center Type, 2022-2032, % of Sales Revenue

Figure 38. Europe Addressable Market Cap in 2023-2032 by Data Center Type, Value (\$ mn) and Share (%)

Figure 39. Europe Data Center Power Market by Data Center Type: Modular Data Centers, 2022-2032, \$ mn

Figure 40. Europe Data Center Power Market by Data Center Type: Colocation Data Centers, 2022-2032, \$ mn

Figure 41. Europe Data Center Power Market by Data Center Type: Cloud Data Centers, 2022-2032, \$ mn

Figure 42. Europe Data Center Power Market by Data Center Type: Edge Data Centers, 2022-2032, \$ mn

Figure 43. Europe Data Center Power Market by Data Center Type: Hyperscale Data Centers, 2022-2032, \$ mn

Figure 44. Europe Data Center Power Market by Data Center Type: Micro Mobile Data Center, 2022-2032, \$ mn

Figure 45. Breakdown of Europe Data Center Power Market by Data Center Tier,

2022-2032, % of Revenue

Figure 46. Europe Addressable Market Cap in 2023-2032 by Data Center Tier, Value (\$ mn) and Share (%)

Figure 47. Europe Data Center Power Market by Data Center Tier: Tier I & II, 2022-2032, \$ mn

Figure 48. Europe Data Center Power Market by Data Center Tier: Tier III, 2022-2032, \$ mn

Figure 49. Europe Data Center Power Market by Data Center Tier: Tier IV, 2022-2032, \$ mn

Figure 50. Breakdown of Europe Data Center Power Market by Industry Vertical, 2022-2032, % of Revenue

Figure 51. Europe Addressable Market Cap in 2023-2032 by Industry Vertical, Value (\$ mn) and Share (%)

Figure 52. Europe Data Center Power Market by Industry Vertical: IT & Telecom, 2022-2032, \$ mn

Figure 53. Europe Data Center Power Market by Industry Vertical: Manufacturing, 2022-2032, \$ mn

Figure 54. Europe Data Center Power Market by Industry Vertical: BFSI, 2022-2032, \$ mn

Figure 55. Europe Data Center Power Market by Industry Vertical: Government & Defense, 2022-2032, \$ mn

Figure 56. Europe Data Center Power Market by Industry Vertical: Healthcare, 2022-2032, \$ mn

Figure 57. Europe Data Center Power Market by Industry Vertical: Retail, 2022-2032, \$ mn

Figure 58. Europe Data Center Power Market by Industry Vertical: Energy, 2022-2032, \$ mn

Figure 59. Europe Data Center Power Market by Industry Vertical: Other Industry Verticals, 2022-2032, \$ mn

Figure 60. Breakdown of Europe Data Center Power Market by Data Center Size, 2022-2032, % of Revenue

Figure 61. Europe Addressable Market Cap in 2023-2032 by Data Center Size, Value (\$ mn) and Share (%)

Figure 62. Europe Data Center Power Market by Data Center Size: Small and Medium Data Centers, 2022-2032, \$ mn

Figure 63. Europe Data Center Power Market by Data Center Size: Large Data Centers, 2022-2032, \$ mn

Figure 64. Breakdown of European Data Center Power Market by Country, 2022 and 2032, % of Revenue

Figure 65. Contribution to Europe 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 66. Data Center Power Market in Germany, 2022-2032, \$ mn

Figure 67. Data Center Power Market in U.K., 2022-2032, \$ mn

Figure 68. Data Center Power Market in France, 2022-2032, \$ mn

Figure 69. Data Center Power Market in Ireland, 2022-2032, \$ mn

Figure 70. Data Center Power Market in Switzerland, 2022-2032, \$ mn

Figure 71. Data Center Power Market in Netherlands, 2022-2032, \$ mn

Figure 72. Data Center Power Market in Rest of Europe, 2022-2032, \$ mn

Figure 73. Growth Stage of Europe Data Center Power Industry over the Forecast Period



## I would like to order

Product name: Europe Data Center Power Market 2022-2032 by Component (Solutions, Software, Services), Infrastructure (UPS, Generators, Switches & Switchgears, PDUs), Data Center Type (Modular, Colocation, Cloud, Edge, Hyperscale, Micro Mobile), Data Center Tier (I & II, III, IV), Industry Vertical, Data Center Size, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/EC896459999DEN.html>

Price: US\$ 2,210.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EC896459999DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970