

Data Center Power Market in Latin America - Industry Outlook and Forecast 2018-2023

<https://marketpublishers.com/r/DFDD6A656CDEN.html>

Date: September 2018

Pages: 134

Price: US\$ 3,500.00 (Single User License)

ID: DFDD6A656CDEN

Abstracts

This market research report on data center power market in Latin America offers analysis on market size & forecast, market share, industry trends, growth drivers, and vendor analysis. The market study also includes insights on segmentation by type (UPS systems, generators, transfer switches & switchgear, rack PDU, and other electrical infrastructure) and by geography (Brazil, Colombia, Chile, and rest of Latin America).

Data Center Power Market in Latin America - Overview

The growing number of greenfield and modular data center development projects is fueling the growth of the data center power market in Latin America. The growing investment is strengthening fiber connectivity, and reliability in power supply along with the growing demand from data center services across various industries such as BFSI, IT, and healthcare are the factors augmenting the development of data center facilities in the Latin American market. The growing adoption of power infrastructures such as UPS, generators, PDUs, and switchgear of N+N redundancy among facilities will fuel the demand for power infrastructure in Latin American market. The major investments for new facilities across Latin America are primarily by telecommunication giants such as Entel, Telefonica (Vivo), Americatel, Telecarrier, and América Móvil. The government agencies are investing million dollars to improve the network connectivity through submarine cables connecting Latin America with the US, Europe, and APAC markets. Leading colocation providers such as Ascenty, Entel, Equinix, ODATA, Angola Cable, TigoUne, and Axtel are the major investors in the Latin American data center market.

Brazil, Chile, Colombia, Mexico, Argentina, and Peru are the major contributors in the Latin American market. The exponential growth of cloud computing and increase in demand for cloud connectivity services for cloud platforms such as AWS, Microsoft,

Google, Oracle, and IBM will transform the data center market in Latin America. The data center power market in Latin America is projected to generate revenues of around \$490 million by 2023 and is anticipated to grow at a CAGR of close to 12% during the forecast period.

Data Center Power Market in Latin America - Dynamics

The data center power market in Latin America is growing due to continued investments from local and global service providers. However, several data centers are facing issues with power reliability. This issue of redundancy has led many operators to focus on improving redundancies across all power infrastructure in data centers facilities in Latin America. The rapid deployment of modular data centers will also boost the market for modular infrastructure solutions in the data center market in Latin America. Growing tax incentives offering from local government will aid in reducing the cost of procurement of power infrastructure solutions across Latin America. The use of lithium-ion battery and fuel cells to power data centers in Latin America is expected to emerge as a trend during the forecast period. Fuel cells will help operators to overcome power reliability and reduce dependence on local utility in the Latin American market.

Data Center Power Market in Latin America - Segmentation

This market research report includes a detailed segmentation of the market by type and by geography.

Data Center Power Market in Latin America – By Type

Adoption of N+N or 2N redundant infrastructure will continue to grow in the data center market in Latin America

The data center power market in Latin America by type is segmented into UPS systems, generators, transfer switches & switchgear, rack PDU, and other electrical infrastructure. Generators dominated the data center power market size in Latin America in 2017 and are projected to grow at a CAGR of more than 12% during the forecast period. The different types of generators available in the Latin American market are diesel generators, natural gas or liquid propane generators, and bi-fuel generators. The increasing adoption of N+N generators and the introduction of generators with 2N redundancy specifically for Tier 3 and Tier 4 data centers in Latin America will boost the demand for these power systems in the region. These innovative power infrastructures offer interrupted power supply during power outages and areas that are highly

susceptible to natural disasters. The emergence of diesel rotary uninterruptible power supply (DRUPS) systems that combines both battery and flywheel UPS topology and a diesel generator will revolutionize the data center power market in Latin America.

Data Center Power Market in Latin America – By Geography

Million-dollar investments by colocation, telecommunication, and cloud services providers to boost revenues in Brazil, Mexico, Chile, and Colombia data center market

The geographical segmentation of the data center power market in Latin America is classified as Brazil, Colombia, Chile, and rest of Latin America. Brazil dominated the data center power market size in Latin America in 2017 and is estimated to grow at a CAGR of approximately 10% during the forecast period. The increasing investments by colocation service providers are propelling the growth of the Brazilian market in Latin America. Equinix and Ascenty contribute around 90% of the revenues in the data center market in Brazil. The development of modern data center built on tier 3 standards with a minimum of N+1 redundancy in the power infrastructure will create new opportunities leading vendors in the Latin American data center market. The prominent operators are deploying 2N redundant power infrastructure that in turn, will revolutionize the data center market in Latin America. Moreover, the increased investment in strengthening grid supply of Latin American countries is expected to revolutionize the market in the region.

Key Vendor Analysis

The data center power market in Latin America is a growing market for vendors involved in offering innovative products that help increase operational efficiency in the facilities across the region. The presence of various international and regional players is intensifying the level of competition in the Latin American market. The emergence of lithium-ion batteries, fuel cells, and DRUPS will enable companies to gain a larger market share and attract more consumers in the Latin American market. The key vendors are also focusing on integrating DCIM solutions with the existing and new facilities to reduce OPEX charges and lower power consumption levels. The demand for modular data centers with high rack density will increase partnerships among data center operators, local resellers and skilled local technicians in the Latin American market.

The major vendors in the market are:

ABB

Eaton

General Electric

Schneider Electric

Vertiv

Other prominent vendors include Active Power (Piller Power Systems), Rittal, Caterpillar, Cummins, Cyber Power Systems, Delta Group, Generac Power Systems, Legrand, Mitsubishi Electric Corporation, Toshiba, and Tripp Lite.

Key market insights include

1. The analysis of data center power market in Latin America provides market size and growth rate for the forecast period 2018-2023.
2. It offers comprehensive insights on current industry trends, trend forecast, and growth drivers about the data center power market in Latin America.
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 for data center power market in Latin America.
5. The report offers a detailed overview of the vendor landscape, competitive analysis, and key market strategies to gain competitive advantage.

REPORT SNAPSHOT

According to the latest industry analysis by Arizton, the data center power market in Latin America size is expected to reach values of around \$490 million by 2023, growing at an impressive CAGR of approximately 12% 2018–2023. The market research report provides in-depth market analysis and segmental analysis of the data center power market in Latin America by type, and geography.

The data center power market in Latin America is driven by the penetration of internet services and growing need for network connectivity. The growing demand for cloud-based services across the Latin American market will create lucrative opportunities for

data center operators in the Latin American market.

Base Year: 2017

Forecast Year: 2018–2023

The report considers 2017 as the base year. All calculations involving quantitative data are based on the year 2017. The values represented in the report are actual values for 2017, whereas, the values are estimated for the 2018?2023 period.

Major Vendors in the Data Center Power Market in Latin America

ABB

Overview

Product Offerings

Key News

Eaton

General Electric

Schneider Electric

Vertiv

Prominent Players in the Data Center Power Market in Latin America

Active Power (Piller Power Systems)

Product Offerings

Rittal

Caterpillar

Cummins

Cyber Power Systems

Delta Group

Generac Power Systems

Legrand

Mitsubishi Electric Corporation

Toshiba

Tripp Lite

Market Segmentation by Type

UPS systems

Generators

Transfer Switch and Switchgear

Rack PDU

Other Electrical Infrastructure

Market Segmentation by Geography

Brazil

Colombia

Chile

Rest of Latin America

Contents

1 RESEARCH METHODOLOGY

2 RESEARCH OBJECTIVES

3 RESEARCH PROCESS

4 REPORT COVERAGE

4.1 Market Definition

4.2 Base Year

4.3 Scope of Study

4.3.1 Market Segmentation by Type

4.3.2 Market Segmentation by Geography

5 REPORT ASSUMPTIONS & CAVEATS

5.1 Key Caveats

5.2 Inclusions

5.3 Currency Conversion

5.4 Market Derivation

6 MARKET AT A GLANCE

7 INTRODUCTION

7.1 Market Overview

7.2 Rack Power Density

7.3 Lithium Ion vs VRLA Batteries

8 MARKET DYNAMICS

8.1 Market Growth Enablers

8.1.1 Demand for colocation, cloud, and managed service providers

8.1.2 Increasing adoption of efficient infrastructure

8.1.3 Increased interest for modular data center deployment

8.1.4 Power unreliability fueling use of data center backup infrastructure

8.1.5 YOY Impact of Market Growth Enablers

8.2 Market Growth Restraints

- 8.2.1 Lack of expertise in data center management
- 8.2.2 High cost of innovative power infrastructure solutions
- 8.2.3 YOY Impact of Market Growth Restraints

8.3 Market Opportunities & Trends

- 8.3.1 Increasing adoption of DCIM solutions
- 8.3.2 Emergence of lithium-ion batteries and fuel cells in data centers
- 8.3.3 Emergence of Diesel-Rotary UPS (DRUPS) systems
- 8.3.4 Provision of tax incentives for data center infrastructure
- 8.3.5 YOY Impact of Market Opportunities & Trends

9 DATA CENTER POWER MARKET IN LATIN AMERICA

9.1 Market Overview

- 9.1.1 Market size & forecast

9.2 Porter's Five Forces Analysis

- 9.2.1 Threat of new entrants
- 9.2.2 Bargaining power of suppliers
- 9.2.3 Bargaining power of buyers
- 9.2.4 Threat of substitutes
- 9.2.5 Competitive rivalry

10 MARKET BY INFRASTRUCTURE

10.1 Market Overview

10.2 Uninterruptible Power Supply (UPS) SYSTEMS

- 10.2.1 Market overview
- 10.2.2 Market size & forecast

10.3 Generators

- 10.3.1 Market overview
- 10.3.2 Market size & forecast

10.4 Transfer Switches & Switchgears

- 10.4.1 Market Overview
- 10.4.2 Market size & forecast

10.5 Rack Power Distribution Unit (PDU)

- 10.5.1 Market overview
- 10.5.2 Market size & forecast

10.6 Other Electrical Infrastructure

- 10.6.1 Market overview

10.6.2 Market size & forecast

11 GEOGRAPHICAL SEGMENTATION

12 BRAZIL: DATA CENTER POWER MARKET

12.1 Market Overview

12.2 Market Size & Forecast

12.3 Market by Infrastructure

12.3.1 UPS Systems: Market size & forecast

12.3.2 Generators: Market size & forecast

12.3.3 Transfer Switches & Switchgears: Market size & forecast

12.3.4 Rack PDUs: Market size & forecast

12.3.5 Other Electrical Infrastructure: Market size & forecast

13 COLOMBIA: DATA CENTER POWER MARKET

13.1 Market Overview

13.2 Market Size & Forecast

13.3 Market by Infrastructure

13.3.1 UPS Systems: Market size & forecast

13.3.2 Generators: Market size & forecast

13.3.3 Transfer Switches and Switchgears: Market size & forecast

13.3.4 Rack PDUs: Market size & forecast

13.3.5 Other Electrical Infrastructure: Market size & forecast

14 CHILE: DATA CENTER POWER MARKET

14.1 Market Overview

14.2 Market Size & Forecast

14.3 Market by Electrical Infrastructure

14.3.1 UPS Systems: Market size & forecast

14.3.2 Generators: Market size & forecast

14.3.3 Transfer Switches and Switchgears: Market size & forecast

14.3.4 Rack PDUs: Market size & forecast

14.3.5 Other Electrical Infrastructures: Market size & forecast

15 REST OF LATIN AMERICA: DATA CCENTER POWER MARKET

15.1 Market Overview

15.2 Market Size & Forecast

15.3 Market by Power Infrastructure

15.3.1 UPS Systems: Market size & forecast

15.3.2 Generators: Market size & forecast

15.3.3 Transfer Switches and Switchgears: Market size & forecast

15.3.4 Rack PDUs: Market size & forecast

15.3.5 Other Electrical Infrastructures: Market size & forecast

16 COMPETITIVE SCENARIO

17 KEY VENDORS

17.1.1 ABB

17.1.2 Eaton

17.1.3 General Electric

17.1.4 Schneider Electric

17.1.5 Vertiv

18 OTHER PROMINENT VENDORS

18.1.1 Active Power (Piller Power Systems)

18.1.2 Rittal

18.1.3 Caterpillar

18.1.4 Cummins

18.1.5 Cyber Power Systems

18.1.6 Delta Group

18.1.7 Generac Power Systems

18.1.8 Legrand

18.1.9 Mitsubishi

18.1.10 Toshiba

18.1.11 Tripp Lite

19 REPORT SUMMARY

19.1 Key Takeaways

19.2 Strategic Recommendations

19.3 Qualitative Summary: Data Center Power Market in Latin America

19.4 Quantitative Summary: Data Center Power Market in Latin America

- 19.4.1 Overall Market
- 19.4.2 Market by Area
- 19.4.3 Market by Power Capacity
- 19.4.4 Market by Country
- 19.4.5 Market by Infrastructure
- 19.4.6 Market by Brazil
- 19.4.7 Market by Colombia
- 19.4.8 Market by Chile
- 19.4.9 Market by Rest of Latin America

20 APPENDIX

20.1 Abbreviations

List Of Exhibits

LIST OF EXHIBITS

- Exhibit 1 Segmentation of Data Center Power Market in Latin America
- Exhibit 2 Market Size Calculation Approach 2017
- Exhibit 3 Rack Power Density in Data Center Power Market in Latin America (2010–2023)
- Exhibit 4 Data Center Power Market in Latin America 2017?2023 (\$ million)
- Exhibit 5 Data Center Construction Market in Latin America by Area 2017?2023 (Million Square Feet)
- Exhibit 6 Data Center Power Market in Latin America by Power Capacity 2017?2023 (MW)
- Exhibit 7 Five Forces Analysis 2017
- Exhibit 8 Data Center Market by Infrastructure Segment 2017 & 2023
- Exhibit 9 Data Center Power Market in Latin America by UPS Systems 2017?2023 (\$ million)
- Exhibit 10 Data Center Power Market in Latin America by Generators 2017?2023 (\$ million)
- Exhibit 11 Data Center Power Market in Latin America by Transfer Switches & Switchgears 2017?2023 (\$ million)
- Exhibit 12 Data Center Power Market in Latin America by Rack PDUs 2017?2023 (\$ million)
- Exhibit 13 Data Center Power Market in Latin America by Other Electrical Infrastructure 2017?2023 (\$ million)
- Exhibit 14 Data Center Market by Geographical Segment 2017 & 2023
- Exhibit 15 Data Center Market in Brazil by Infrastructure Segment 2017 & 2023
- Exhibit 16 Data Center Power Market in Brazil 2017?2023 (\$ million)
- Exhibit 17 Data Center Power Market in Brazil by Area 2017?2023 (Million Square Feet)
- Exhibit 18 Data Center Power Market in Brazil by Power Capacity 2017?2023 (MW)
- Exhibit 19 Data Center Power Market in Brazil by UPS Systems 2017?2023 (\$ million)
- Exhibit 20 Data Center Power Market in Brazil by Generators 2017?2023 (\$ million)
- Exhibit 21 Data Center Power Market in Brazil by Transfer Switches & Switchgears 2017?2023 (\$ million)
- Exhibit 22 Data Center Power Market in Brazil by Rack PDUs 2017?2023 (\$ million)
- Exhibit 23 Data Center Power Market in Brazil by Other Electrical Infrastructure 2017?2023 (\$ million)
- Exhibit 24 Data Center Market in Colombia by Infrastructure Segment 2017 & 2023
- Exhibit 25 Data Center Power Market in Colombia 2017?2023 (\$ million)

Exhibit 26 Data Center Power Market in Colombia by Area 2017?2023 (Million Square Feet)

Exhibit 27 Data Center Power Market in Colombia by Power Capacity 2017?2023 (MW)

Exhibit 28 Data Center Power Market in Colombia by UPS Systems 2017?2023 (\$ million)

Exhibit 29 Data Center Power Market in Colombia by Generators 2017?2023 (\$ million)

Exhibit 30 Data Center Power Market in Colombia by Transfer Switches and Switchgears 2017?2023 (\$ million)

Exhibit 31 Data Center Power Market in Colombia by Rack PDUs 2017?2023 (\$ million)

Exhibit 32 Data Center Power Market in Colombia by Other Electrical Infrastructure 2017?2023 (\$ million)

Exhibit 33 Data Center Market in Chile by Infrastructure Segment 2017 & 2023

Exhibit 34 Data Center Power Market in Chile 2017?2023 (\$ million)

Exhibit 35 Data Center Power Market in Chile by Area 2017?2023 (Million Square Feet)

Exhibit 36 Data Center Power Market in Chile by Power Capacity 2017?2023 (MW)

Exhibit 37 Data Center Power Market in Chile by UPS Systems 2017?2023 (\$ million)

Exhibit 38 Data Center Power Market in Chile by Generators 2017?2023 (\$ million)

Exhibit 39 Data Center Power Market in Chile by Transfer Switches & Switchgears 2017?2023 (\$ million)

Exhibit 40 Data Center Power Market in Chile by Rack PDUs 2017?2023 (\$ million)

Exhibit 41 Data Center Power Market in Chile by Other Electrical Infrastructures 2017?2023 (\$ million)

Exhibit 42 Data Center Power Market in Rest of Latin America by Infrastructure Segment 2017 & 2023

Exhibit 43 Data Center Power Market in Rest of Latin America 2017?2023 (\$ million)

Exhibit 44 Data Center Power Market in Rest of Latin America by Area 2017?2023 (Million Square Feet)

Exhibit 45 Data Center Power Market in Rest of Latin America by Power Capacity 2017?2023 (MW)

Exhibit 46 Data Center Power Market in Rest of Latin America by UPS Systems 2017?2023 (\$ million)

Exhibit 47 Data Center Power Market in Rest of Latin America by Generators 2017?2023 (\$ million)

Exhibit 48 Data Center Power Market in Rest of Latin America by Transfer Switches & Switchgears 2017?2023 (\$ million)

Exhibit 49 Data Center Power Market in Rest of Latin America by Rack PDUs 2017?2023 (\$ million)

Exhibit 50 Data Center Power Market in Rest of Latin America by Other Electrical Infrastructures 2017?2023 (\$ million)

List Of Tables

LIST OF TABLES

Table 1 Key Geographies Definition

Table 2 Key Caveats

Table 3 Currency Conversion 2013?2017

Table 4 Comparison of Lithium-ion Batteries and VRLA Batteries in UPS Systems

Table 5 YOY Impact of Market Growth Enablers 2017?2023

Table 6 YOY Impact of Market Growth Restraints 2017?2023

Table 7 YOY Impact of Market Opportunities & Trends 2017?2023

Table 8 Qualitative Summary of Data Center Power Market in Latin America

Table 9 Quantitative Summary of Data Center Power Market in Latin America
2017–2023

Table 10 Quantitative Summary of Data Center Power Market in Latin America by Area
2017–2023 (Million Square Feet)

Table 11 Quantitative Summary of Data Center Power Market in Latin America by
Power Capacity 2017–2023 (Power in MW)

Table

Table 13 Quantitative Summary of Data Center Power Market in Latin America by
Infrastructure 2017–2023 (\$ million)

Table 14 Quantitative Summary of Data Center Power Market in Latin America by Brazil
2017–2023 (\$ million)

Table 15 Quantitative Summary of Data Center Power Market in Latin America by
Colombia 2017–2023 (\$ million)

Table 16 Quantitative Summary of Data Center Power Market in Latin America by Chile
2017–2023 (\$ million)

Table 17 Quantitative Summary of Data Center Power Market in Latin America by Rest
of Latin America 2017–2023 (\$ million)

I would like to order

Product name: Data Center Power Market in Latin America - Industry Outlook and Forecast 2018-2023

Product link: <https://marketpublishers.com/r/DFDD6A656CDEN.html>

Price: US\$ 3,500.00 (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/DFDD6A656CDEN.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