

# **North America Uninterrupted Power Supply Market Forecast to 2031 - Regional Analysis - by Type (Standby, Line Interactive, and Online), Rating (upto 50 kVA, between 50 to 100 kVA, and above 100 kVA), and End User (Data Centers, Telecom, Healthcare, Industrial, and Others)**

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## **Abstracts**

The North America uninterrupted power supply market was valued at US\$ 3,192.11 million in 2023 and is expected to reach US\$ 5,509.98 million by 2031; it is estimated to register a CAGR of 7.1% from 2023 to 2031.

### **Increase in Requirement for UPS in Smart Buildings Fuels North America Uninterrupted Power Supply Market**

Smart buildings are equipped with technologically advanced products to ensure efficient use of the building's resources. This aims to create a safe and comfortable environment for its residents. Internet of Things (IoT) sensors, building management, artificial intelligence (AI) systems, and robots are among the technologies used in smart buildings, all of which are integrated and enhanced by power saving solutions. Automation is critical in a smart building because of the high level of connection between many activities, for example, between data sent by real-time motion sensors connected to the Internet of Things and building management systems. This automation extends to HVAC, lighting, and security systems, among other areas. All equipment and systems that comprise a smart building must have a dependable, consistent, and high-quality electricity supply. Uninterruptible power supply (UPS) systems can protect the hardware and software infrastructure of any building, whether commercial, business, educational, or residential. If the power supply is interrupted, the UPS will continue to

provide the required power so that the computer equipment installed in the building has enough time to turn off and reboot properly, as well as store data and produce backup copies. UPS systems protect connected devices from power fluctuations that could cause major data loss or hardware damage. They provide an uninterrupted power source, giving the connected device enough time to turn off during a power loss. Thus, the rising number of UPS in smart buildings is driving the market growth.

## North America Uninterrupted Power Supply Market Overview

The North America uninterrupted power supply market is segmented into the US, Canada, and Mexico. North America is an industrially and economically advanced region. The region has established a significant number of data centers, which are expected to grow in the coming years. For instance, in 2023, Microsoft announced its plan to invest US\$ 500 million in developing a hyperscale cloud computing and AI infrastructure in Quebec. The investment was made to fulfill the goal of strengthening the region's innovation economy, creating high-value jobs, and preparing the province for the future AI economy. In 2024, Amazon subsidiary AWS announced its plan to invest US\$ 5 billion to establish multiple data centers in Mexico to cater to the growing demand for cloud computing services. According to Reuters, Ruben Mugartegui, the CEO of AWS Mexico, stated that the new data centers will be established in the Mexican state of Queretaro. Mugartegui also stated that the company has been working on the project for more than five years and intends to divide the investment over a period of 15 years. Also, the rise in investment in smart grids in the region contributes to the increased demand for uninterrupted power supply. In 2023, the Department of Energy announced US\$ 3.5 billion in grants to increase wind and solar power capacity, fortify power lines against extreme weather, integrate batteries and electric vehicles, and develop microgrids to keep lights operational during power outages. The report highlighted 58 projects in 44 states in the US as eligible for federal financing. The investment amount will reach more than US\$ 8 billion with funding from state and local governments, utilities, and industry partners. This government initiative will drive the market growth in the region.

## North America Uninterrupted Power Supply Market Revenue and Forecast to 2031 (US\$ Million)

### North America Uninterrupted Power Supply Market Segmentation

The North America uninterrupted power supply market is categorized into type, rating,

end user, and country.

Based on type, the North America uninterrupted power supply market is segmented into standby, line interactive, and online. The online segment held the largest market share in 2023.

In terms of rating, the North America uninterrupted power supply market is categorized into upto 50 kVA, between 50 to 100 kVA, and above 100 kVA. The above 100 kVA segment held the largest market share in 2023.

By end user, the North America uninterrupted power supply market is segmented into data centers, telecom, healthcare, industrial, and others. The data centers segment held the largest market share in 2023.

Based on country, the North America uninterrupted power supply market is segmented into the US, Canada, and Mexico. The US dominated the North America uninterrupted power supply market share in 2023.

Schneider Electric SE, ABB Ltd, Toshiba Corp, Cyber Power Systems (USA) Inc, Eaton Corp Plc, Emerson Electric Co, Delta Electronics Inc, Legrand SA, Mitsubishi Electric Corp, and Kehua Data Co Ltd. are some of the leading companies operating in the North America uninterrupted power supply market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Secondary Research
- 3.2 Primary Research
  - 3.2.1 Hypothesis formulation:
  - 3.2.2 Macro-economic factor analysis:
  - 3.2.3 Developing base number:
  - 3.2.4 Data Triangulation:
  - 3.2.5 Country level data:

### **4. NORTH AMERICA UNINTERRUPTED POWER SUPPLY MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis
  - 4.3.1 List of Vendors in the Value Chain

### **5. NORTH AMERICA UNINTERRUPTED POWER SUPPLY MARKET – KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Increase in Requirement for UPS in Smart Buildings
  - 5.1.2 Focus on Energy Efficiency in Data Centers
- 5.2 Market Restraints
  - 5.2.1 High Costs
- 5.3 Market Opportunities
  - 5.3.1 IoT Enables UPS Systems

- 5.3.2 Dynamic Grid Support Technology
- 5.4 Future Trends
  - 5.4.1 Smart UPS Systems
- 5.5 Impact of Drivers and Restraints:

## **6. UNINTERRUPTED POWER SUPPLY MARKET – NORTH AMERICA ANALYSIS**

- 6.1 North America Uninterrupted Power Supply Market Overview
- 6.2 Uninterrupted Power Supply Market Revenue, 2021–2031 (US\$ Million)
- 6.3 Uninterrupted Power Supply Market Forecast Analysis

## **7. NORTH AMERICA UNINTERRUPTED POWER SUPPLY MARKET ANALYSIS – BY TYPE**

- 7.1 Standby
  - 7.1.1 Overview
  - 7.1.2 Standby: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)
- 7.2 Line Interactive
  - 7.2.1 Overview
  - 7.2.2 Line Interactive: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)
- 7.3 Online
  - 7.3.1 Overview
  - 7.3.2 Online: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

## **8. NORTH AMERICA UNINTERRUPTED POWER SUPPLY MARKET ANALYSIS – BY RATING**

- 8.1 Upto 50 kVA
  - 8.1.1 Overview
  - 8.1.2 Upto 50 kVA: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)
- 8.2 Between 50 to 100 kVA
  - 8.2.1 Overview
  - 8.2.2 between 50 to 100 kVA: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)
- 8.3 Above 100 kVA

### 8.3.1 Overview

8.3.2 Above 100 kVA: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

## **9. NORTH AMERICA UNINTERRUPTED POWER SUPPLY MARKET ANALYSIS – BY END USER**

### 9.1 Data Centers

#### 9.1.1 Overview

9.1.2 Data Centers: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

### 9.2 Telecom

#### 9.2.1 Overview

9.2.2 Telecom: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

### 9.3 Healthcare

#### 9.3.1 Overview

9.3.2 Healthcare: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

### 9.4 Industrial

#### 9.4.1 Overview

9.4.2 Industrial: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

### 9.5 Others

#### 9.5.1 Overview

9.5.2 Others: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

## **10. NORTH AMERICA UNINTERRUPTED POWER SUPPLY MARKET – COUNTRY ANALYSIS**

### 10.1 North America

10.1.1 North America: Uninterrupted Power Supply Market Breakdown, by Key Country, 2023 and 2031 (%)

10.1.1.1 North America: Uninterrupted Power Supply Market – Revenue and Forecast Analysis – by Country

10.1.1.2 United States: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)

10.1.1.2.1 United States: Uninterrupted Power Supply Market Breakdown, by Type

- 10.1.1.2.2 United States: Uninterrupted Power Supply Market Breakdown, by Rating
- 10.1.1.2.3 United States: Uninterrupted Power Supply Market Breakdown, by End User
- 10.1.1.3 Canada: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)
  - 10.1.1.3.1 Canada: Uninterrupted Power Supply Market Breakdown, by Type
  - 10.1.1.3.2 Canada: Uninterrupted Power Supply Market Breakdown, by Rating
  - 10.1.1.3.3 Canada: Uninterrupted Power Supply Market Breakdown, by End User
- 10.1.1.4 Mexico: Uninterrupted Power Supply Market – Revenue and Forecast to 2031 (US\$ Million)
  - 10.1.1.4.1 Mexico: Uninterrupted Power Supply Market Breakdown, by Type
  - 10.1.1.4.2 Mexico: Uninterrupted Power Supply Market Breakdown, by Rating
  - 10.1.1.4.3 Mexico: Uninterrupted Power Supply Market Breakdown, by End User

## **11. COMPETITIVE LANDSCAPE**

- 11.1 Heat Map Analysis by Key Players
- 11.2 Company Positioning & Concentration

## **12. INDUSTRY LANDSCAPE**

- 12.1 Overview
- 12.2 Market Initiative
- 12.3 Product News & Company News
- 12.4 Collaboration and Mergers & Acquisitions

## **13. COMPANY PROFILES**

- 13.1 Schneider Electric SE
  - 13.1.1 Key Facts
  - 13.1.2 Business Description
  - 13.1.3 Products and Services
  - 13.1.4 Financial Overview
  - 13.1.5 SWOT Analysis
  - 13.1.6 Key Developments
- 13.2 ABB Ltd
  - 13.2.1 Key Facts
  - 13.2.2 Business Description
  - 13.2.3 Products and Services

- 13.2.4 Financial Overview
- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments
- 13.3 Toshiba Corp
  - 13.3.1 Key Facts
  - 13.3.2 Business Description
  - 13.3.3 Products and Services
  - 13.3.4 Financial Overview
  - 13.3.5 SWOT Analysis
  - 13.3.6 Key Developments
- 13.4 Cyber Power Systems (USA) Inc
  - 13.4.1 Key Facts
  - 13.4.2 Business Description
  - 13.4.3 Products and Services
  - 13.4.4 Financial Overview
  - 13.4.5 SWOT Analysis
  - 13.4.6 Key Developments
- 13.5 Eaton Corp Plc
  - 13.5.1 Key Facts
  - 13.5.2 Business Description
  - 13.5.3 Products and Services
  - 13.5.4 Financial Overview
  - 13.5.5 SWOT Analysis
  - 13.5.6 Key Developments
- 13.6 Emerson Electric Co
  - 13.6.1 Key Facts
  - 13.6.2 Business Description
  - 13.6.3 Products and Services
  - 13.6.4 Financial Overview
  - 13.6.5 SWOT Analysis
  - 13.6.6 Key Developments
- 13.7 Delta Electronics Inc
  - 13.7.1 Key Facts
  - 13.7.2 Business Description
  - 13.7.3 Products and Services
  - 13.7.4 Financial Overview
  - 13.7.5 SWOT Analysis
  - 13.7.6 Key Developments
- 13.8 Legrand SA

- 13.8.1 Key Facts
- 13.8.2 Business Description
- 13.8.3 Products and Services
- 13.8.4 Financial Overview
- 13.8.5 SWOT Analysis
- 13.8.6 Key Developments
- 13.9 Mitsubishi Electric Corp
  - 13.9.1 Key Facts
  - 13.9.2 Business Description
  - 13.9.3 Products and Services
  - 13.9.4 Financial Overview
  - 13.9.5 SWOT Analysis
  - 13.9.6 Key Developments
- 13.10 Kehua Data Co Ltd
  - 13.10.1 Key Facts
  - 13.10.2 Business Description
  - 13.10.3 Products and Services
  - 13.10.4 Financial Overview
  - 13.10.5 SWOT Analysis
  - 13.10.6 Key Developments

## **14. APPENDIX**

- 14.1 About The Insight Partners
- 14.2 Word Index

## I would like to order

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