

Global Modular PSUs Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview

Modular power supply units (PSUs) are a crucial component in modern computer systems, offering flexibility and efficiency in managing power distribution. These PSUs are characterized by detachable cables that allow users to connect only the necessary cables, reducing clutter and improving airflow within the system. In terms of market positioning, modular PSUs are positioned as premium products catering to enthusiasts, gamers, and professionals seeking high performance and customization options for their systems.

As of 2023, the global market size for modular PSUs stands at approximately USD 1.2 billion. The market is expected to grow at a compound annual growth rate (CAGR) of 5.78% from 2024 to 2032. Key drivers fueling this growth include the increasing demand for high-performance computing systems, the rise of gaming and eSports industries, and the growing trend of PC customization among consumers.

One prominent trend in the modular PSU market is the shift towards more energy-efficient models to meet environmental regulations and consumer preferences. Manufacturers are focusing on developing PSUs with higher efficiency ratings, such as 80 Plus Gold and Platinum certifications, to reduce energy consumption and operating costs for users. This trend is driven by both regulatory requirements and the growing awareness of sustainability among consumers.

Another significant trend is the integration of advanced technologies in modular PSUs, such as digital power management, RGB lighting customization, and smart connectivity features. These innovations enhance user experience, allowing for better control over

power delivery, monitoring of system performance, and aesthetic customization. For example, some modular PSUs now come with smartphone apps that enable remote monitoring and control of power settings.

Furthermore, the market is witnessing a trend towards smaller form factors and increased power densities in modular PSUs. With the growing popularity of compact PC builds and mini-ITX systems, manufacturers are developing smaller and more powerful PSUs to meet the demand for high-performance components in limited spaces. This trend is driven by the need for efficient cooling and space optimization in modern PC builds.

In terms of regional market distribution, North America and Asia Pacific are the leading markets for modular PSUs, accounting for a significant share of global sales. The dominance of these regions can be attributed to the strong presence of gaming and technology industries, high consumer purchasing power, and the popularity of custom PC builds. In North America, the market is driven by the demand for high-end gaming systems and professional workstations, while in Asia Pacific, the market growth is fueled by the increasing adoption of gaming and eSports culture.

Despite the positive growth outlook, the modular PSU market faces challenges such as supply chain disruptions, fluctuating raw material prices, and intense competition among manufacturers. For instance, the global semiconductor shortage has impacted the production of PSU components, leading to delays in product launches and increased prices. Manufacturers need to address these challenges by diversifying their supply chains, optimizing production processes, and focusing on innovation to stay competitive in the market.

This report provides a deep insight into the global Modular PSUs market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Modular PSUs Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the

competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Modular PSUs market in any manner.

Global Modular PSUs Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Advanced Energy

Acbel

Antec

B&K Precision

Chicony

CoolerMaster

Corsair

Cosel

CWT

Delta

EVGA

FSP

GIGABYTE

GOLDEN FIELD

Great Wall

Huntkey

In Win

Keysight

Lite-On

MEAN WELL

SeaSonic

TDK-Lambda

Thermaltake

Vicor

VisionTek

XP Power

Market Segmentation (by Type)

Fully Modular PSUs

Semi-modular PSUs

Market Segmentation (by Application)

Industrial

Medical

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Modular PSUs Market

Overview of the regional outlook of the Modular PSUs Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Modular PSUs Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help

readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

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