

Global Flexible Alternating Current Transmission Systems (FACTS) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G19EA69D3F6GEN.html>

Date: January 2024

Pages: 87

Price: US\$ 3,480.00 (Single User License)

ID: G19EA69D3F6GEN

Abstracts

According to our (Global Info Research) latest study, the global Flexible Alternating Current Transmission Systems (FACTS) market size was valued at USD 1371.2 million in 2023 and is forecast to a readjusted size of USD 1938.7 million by 2030 with a CAGR of 5.1% during review period.

A flexible alternating current transmission system (FACTS) is a system composed of static equipment used for the AC transmission of electrical energy. It is meant to enhance controllability and increase power transfer capability of the network. It is generally a power electronics-based system.

The high-end products mainly come from USA, Japan and Europe. The leading manufactures mainly are ABB, Siemens, RXPE, Sieyuan Electric, Mitsubishi Electric, GE, Toshiba, AMSC and Hyosung. ABB is the largest manufacturer; its revenue of global market exceeds 31% in 2019. Geographically, the global Flexible AC Transmission Systems (FACTS) market has been segmented into North America, Europe, Asia-Pacific, South America and Middle East and Africa. The Europe held the largest share in the global market, its revenue of global market exceeds 33.71% in 2019. The next is Asia-Pacific.

The Global Info Research report includes an overview of the development of the Flexible Alternating Current Transmission Systems (FACTS) industry chain, the market status of Metal Industry (Shunt Compensation, Series Compensation), Utilities (Shunt Compensation, Series Compensation), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Flexible Alternating Current Transmission Systems (FACTS).

Regionally, the report analyzes the Flexible Alternating Current Transmission Systems (FACTS) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Flexible Alternating Current Transmission Systems (FACTS) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Flexible Alternating Current Transmission Systems (FACTS) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Flexible Alternating Current Transmission Systems (FACTS) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Shunt Compensation, Series Compensation).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Flexible Alternating Current Transmission Systems (FACTS) market.

Regional Analysis: The report involves examining the Flexible Alternating Current Transmission Systems (FACTS) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Flexible Alternating Current Transmission Systems (FACTS) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Flexible Alternating Current

Transmission Systems (FACTS):

Company Analysis: Report covers individual Flexible Alternating Current Transmission Systems (FACTS) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Flexible Alternating Current Transmission Systems (FACTS) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Metal Industry, Utilities).

Technology Analysis: Report covers specific technologies relevant to Flexible Alternating Current Transmission Systems (FACTS). It assesses the current state, advancements, and potential future developments in Flexible Alternating Current Transmission Systems (FACTS) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Flexible Alternating Current Transmission Systems (FACTS) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Flexible Alternating Current Transmission Systems (FACTS) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Shunt Compensation

Series Compensation

Market segment by Application

Metal Industry

Utilities

Railway

Mining

Major players covered

ABB

Siemens

Mitsubishi Electric

RXPE

GE

Toshiba

Sieyuan Electric

Hyosung

AMSC

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Flexible Alternating Current Transmission Systems (FACTS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Flexible Alternating Current Transmission Systems (FACTS), with price, sales, revenue and global market share of Flexible Alternating Current Transmission Systems (FACTS) from 2019 to 2024.

Chapter 3, the Flexible Alternating Current Transmission Systems (FACTS) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Flexible Alternating Current Transmission Systems (FACTS) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Flexible Alternating Current Transmission Systems (FACTS) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Flexible Alternating Current Transmission Systems (FACTS).

Chapter 14 and 15, to describe Flexible Alternating Current Transmission Systems

(FACTS) sales channel, distributors, customers, research findings and conclusion.

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