

# Global Synchrophasor Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

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## Abstracts

### Summary

A synchrophasor is a time-synchronized measurement of a quantity described by a phasor. Like a vector, a phasor has magnitude and phase information. Devices called phasor measurement units (PMU) measure voltage and current and with these measurements calculate parameters such as frequency and phase angle. It provides real-time data of the grid system to operators, helping them make decisions to prevent any power outage. The measurements obtained from synchrophasor are used to improve grid visualization, operational monitoring, power system control, stability monitoring, state estimation, and fault analysis. Each measurement taken by a synchrophasor is time-stamped according to a common time reference. This enables synchrophasor from different utilities to be combined and synchronized, which presents a comprehensive view of a regional interconnection.

According to APO Research, The global Synchrophasor market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

North American market for Synchrophasor is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Synchrophasor is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Synchrophasor is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Synchrophasor is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Synchrophasor include Schweitzer Engineering Laboratories, ABB, Beijing Sifang Automation Co., Ltd., State Grid Corporation of China, Siemens Energy, NR Electric, GE Grid Solutions, Vizimax and Arbiter Systems, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

This report presents an overview of global market for Synchrophasor, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Synchrophasor, also provides the sales of main regions and countries. Of the upcoming market potential for Synchrophasor, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Synchrophasor sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Synchrophasor market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Synchrophasor sales, projected growth trends, production technology, application and end-user industry.

Synchrophasor segment by Company

Schweitzer Engineering Laboratories

ABB

Beijing Sifang Automation Co., Ltd.

State Grid Corporation of China

Siemens Energy

NR Electric

GE Grid Solutions

Vizimax

Arbiter Systems

#### Synchrophasor segment by Type

Type I

Type II

#### Synchrophasor segment by Application

Power Station

Transforming Station

Others

#### Synchrophasor segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Study Objectives

1. To analyze and research the global Synchrophasor status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, sales, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions Synchrophasor market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Synchrophasor significant trends, drivers, influence factors in global and regions.
6. To analyze Synchrophasor competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Synchrophasor market, and introduces in detail the market share, industry ranking, competitor ecosystem,

market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Synchrophasor and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in sales and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Synchrophasor.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Provides an overview of the Synchrophasor market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Synchrophasor industry.

Chapter 3: Detailed analysis of Synchrophasor manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the

blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by 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 6: Sales and value of Synchronphasor in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Synchronphasor in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Synchrophasor Sales Value (2019-2030)
  - 1.2.2 Global Synchrophasor Sales Volume (2019-2030)
  - 1.2.3 Global Synchrophasor Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### **2 SYNCHROPHASOR MARKET DYNAMICS**

- 2.1 Synchrophasor Industry Trends
- 2.2 Synchrophasor Industry Drivers
- 2.3 Synchrophasor Industry Opportunities and Challenges
- 2.4 Synchrophasor Industry Restraints

### **3 SYNCHROPHASOR MARKET BY COMPANY**

- 3.1 Global Synchrophasor Company Revenue Ranking in 2023
- 3.2 Global Synchrophasor Revenue by Company (2019-2024)
- 3.3 Global Synchrophasor Sales Volume by Company (2019-2024)
- 3.4 Global Synchrophasor Average Price by Company (2019-2024)
- 3.5 Global Synchrophasor Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Synchrophasor Company Manufacturing Base & Headquarters
- 3.7 Global Synchrophasor Company, Product Type & Application
- 3.8 Global Synchrophasor Company Commercialization Time
- 3.9 Market Competitive Analysis
  - 3.9.1 Global Synchrophasor Market CR5 and HHI
  - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
  - 3.9.3 2023 Synchrophasor Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

### **4 SYNCHROPHASOR MARKET BY TYPE**

- 4.1 Synchrophasor Type Introduction
  - 4.1.1 Type I



- 4.1.2 Type II
- 4.2 Global Synchrophasor Sales Volume by Type
  - 4.2.1 Global Synchrophasor Sales Volume by Type (2019 VS 2023 VS 2030)
  - 4.2.2 Global Synchrophasor Sales Volume by Type (2019-2030)
  - 4.2.3 Global Synchrophasor Sales Volume Share by Type (2019-2030)
- 4.3 Global Synchrophasor Sales Value by Type
  - 4.3.1 Global Synchrophasor Sales Value by Type (2019 VS 2023 VS 2030)
  - 4.3.2 Global Synchrophasor Sales Value by Type (2019-2030)
  - 4.3.3 Global Synchrophasor Sales Value Share by Type (2019-2030)

## **5 SYNCHROPHASOR MARKET BY APPLICATION**

- 5.1 Synchrophasor Application Introduction
  - 5.1.1 Power Station
  - 5.1.2 Transforming Station
  - 5.1.3 Others
- 5.2 Global Synchrophasor Sales Volume by Application
  - 5.2.1 Global Synchrophasor Sales Volume by Application (2019 VS 2023 VS 2030)
  - 5.2.2 Global Synchrophasor Sales Volume by Application (2019-2030)
  - 5.2.3 Global Synchrophasor Sales Volume Share by Application (2019-2030)
- 5.3 Global Synchrophasor Sales Value by Application
  - 5.3.1 Global Synchrophasor Sales Value by Application (2019 VS 2023 VS 2030)
  - 5.3.2 Global Synchrophasor Sales Value by Application (2019-2030)
  - 5.3.3 Global Synchrophasor Sales Value Share by Application (2019-2030)

## **6 SYNCHROPHASOR MARKET BY REGION**

- 6.1 Global Synchrophasor Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Synchrophasor Sales by Region (2019-2030)
  - 6.2.1 Global Synchrophasor Sales by Region: 2019-2024
  - 6.2.2 Global Synchrophasor Sales by Region (2025-2030)
- 6.3 Global Synchrophasor Sales Value by Region: 2019 VS 2023 VS 2030
- 6.4 Global Synchrophasor Sales Value by Region (2019-2030)
  - 6.4.1 Global Synchrophasor Sales Value by Region: 2019-2024
  - 6.4.2 Global Synchrophasor Sales Value by Region (2025-2030)
- 6.5 Global Synchrophasor Market Price Analysis by Region (2019-2024)
- 6.6 North America
  - 6.6.1 North America Synchrophasor Sales Value (2019-2030)
  - 6.6.2 North America Synchrophasor Sales Value Share by Country, 2023 VS 2030

## 6.7 Europe

6.7.1 Europe Synchrophasor Sales Value (2019-2030)

6.7.2 Europe Synchrophasor Sales Value Share by Country, 2023 VS 2030

## 6.8 Asia-Pacific

6.8.1 Asia-Pacific Synchrophasor Sales Value (2019-2030)

6.8.2 Asia-Pacific Synchrophasor Sales Value Share by Country, 2023 VS 2030

## 6.9 Latin America

6.9.1 Latin America Synchrophasor Sales Value (2019-2030)

6.9.2 Latin America Synchrophasor Sales Value Share by Country, 2023 VS 2030

## 6.10 Middle East & Africa

6.10.1 Middle East & Africa Synchrophasor Sales Value (2019-2030)

6.10.2 Middle East & Africa Synchrophasor Sales Value Share by Country, 2023 VS 2030

## 7 SYNCHROPHASOR MARKET BY COUNTRY

7.1 Global Synchrophasor Sales by Country: 2019 VS 2023 VS 2030

7.2 Global Synchrophasor Sales Value by Country: 2019 VS 2023 VS 2030

7.3 Global Synchrophasor Sales by Country (2019-2030)

7.3.1 Global Synchrophasor Sales by Country (2019-2024)

7.3.2 Global Synchrophasor Sales by Country (2025-2030)

7.4 Global Synchrophasor Sales Value by Country (2019-2030)

7.4.1 Global Synchrophasor Sales Value by Country (2019-2024)

7.4.2 Global Synchrophasor Sales Value by Country (2025-2030)

### 7.5 USA

7.5.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

7.5.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

7.5.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

### 7.6 Canada

7.6.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

7.6.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

7.6.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

### 7.7 Germany

7.7.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

7.7.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

7.7.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

### 7.8 France

7.8.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

7.8.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.8.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.9 U.K.

### 7.9.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.9.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.9.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.10 Italy

### 7.10.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.10.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.10.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.11 Netherlands

### 7.11.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.11.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.11.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.12 Nordic Countries

### 7.12.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.12.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.12.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.13 China

### 7.13.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.13.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.13.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.14 Japan

### 7.14.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.14.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.14.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.15 South Korea

### 7.15.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.15.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.15.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.16 Southeast Asia

### 7.16.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.16.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.16.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.17 India

### 7.17.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

### 7.17.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030

### 7.17.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## 7.18 Australia

### 7.18.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)

- 7.18.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030
- 7.18.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030
- 7.19 Mexico
  - 7.19.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)
  - 7.19.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030
  - 7.19.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030
- 7.20 Brazil
  - 7.20.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)
  - 7.20.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030
  - 7.20.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030
- 7.21 Turkey
  - 7.21.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)
  - 7.21.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030
  - 7.21.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030
- 7.22 Saudi Arabia
  - 7.22.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)
  - 7.22.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030
  - 7.22.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030
- 7.23 UAE
  - 7.23.1 Global Synchrophasor Sales Value Growth Rate (2019-2030)
  - 7.23.2 Global Synchrophasor Sales Value Share by Type, 2023 VS 2030
  - 7.23.3 Global Synchrophasor Sales Value Share by Application, 2023 VS 2030

## **8 COMPANY PROFILES**

- 8.1 Schweitzer Engineering Laboratories
  - 8.1.1 Schweitzer Engineering Laboratories Company Information
  - 8.1.2 Schweitzer Engineering Laboratories Business Overview
  - 8.1.3 Schweitzer Engineering Laboratories Synchrophasor Sales, Value and Gross Margin (2019-2024)
  - 8.1.4 Schweitzer Engineering Laboratories Synchrophasor Product Portfolio
  - 8.1.5 Schweitzer Engineering Laboratories Recent Developments
- 8.2 ABB
  - 8.2.1 ABB Company Information
  - 8.2.2 ABB Business Overview
  - 8.2.3 ABB Synchrophasor Sales, Value and Gross Margin (2019-2024)
  - 8.2.4 ABB Synchrophasor Product Portfolio
  - 8.2.5 ABB Recent Developments
- 8.3 Beijing Sifang Automation Co., Ltd.

- 8.3.1 Beijing Sifang Automation Co., Ltd. Company Information
- 8.3.2 Beijing Sifang Automation Co., Ltd. Business Overview
- 8.3.3 Beijing Sifang Automation Co., Ltd. Synchrophasor Sales, Value and Gross Margin (2019-2024)
- 8.3.4 Beijing Sifang Automation Co., Ltd. Synchrophasor Product Portfolio
- 8.3.5 Beijing Sifang Automation Co., Ltd. Recent Developments
- 8.4 State Grid Corporation of China
  - 8.4.1 State Grid Corporation of China Company Information
  - 8.4.2 State Grid Corporation of China Business Overview
  - 8.4.3 State Grid Corporation of China Synchrophasor Sales, Value and Gross Margin (2019-2024)
  - 8.4.4 State Grid Corporation of China Synchrophasor Product Portfolio
  - 8.4.5 State Grid Corporation of China Recent Developments
- 8.5 Siemens Energy
  - 8.5.1 Siemens Energy Company Information
  - 8.5.2 Siemens Energy Business Overview
  - 8.5.3 Siemens Energy Synchrophasor Sales, Value and Gross Margin (2019-2024)
  - 8.5.4 Siemens Energy Synchrophasor Product Portfolio
  - 8.5.5 Siemens Energy Recent Developments
- 8.6 NR Electric
  - 8.6.1 NR Electric Company Information
  - 8.6.2 NR Electric Business Overview
  - 8.6.3 NR Electric Synchrophasor Sales, Value and Gross Margin (2019-2024)
  - 8.6.4 NR Electric Synchrophasor Product Portfolio
  - 8.6.5 NR Electric Recent Developments
- 8.7 GE Grid Solutions
  - 8.7.1 GE Grid Solutions Company Information
  - 8.7.2 GE Grid Solutions Business Overview
  - 8.7.3 GE Grid Solutions Synchrophasor Sales, Value and Gross Margin (2019-2024)
  - 8.7.4 GE Grid Solutions Synchrophasor Product Portfolio
  - 8.7.5 GE Grid Solutions Recent Developments
- 8.8 Vizimax
  - 8.8.1 Vizimax Company Information
  - 8.8.2 Vizimax Business Overview
  - 8.8.3 Vizimax Synchrophasor Sales, Value and Gross Margin (2019-2024)
  - 8.8.4 Vizimax Synchrophasor Product Portfolio
  - 8.8.5 Vizimax Recent Developments
- 8.9 Arbiter Systems
  - 8.9.1 Arbiter Systems Company Information

- 8.9.2 Arbiter Systems Business Overview
- 8.9.3 Arbiter Systems Synchrophasor Sales, Value and Gross Margin (2019-2024)
- 8.9.4 Arbiter Systems Synchrophasor Product Portfolio
- 8.9.5 Arbiter Systems Recent Developments

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

- 9.1 Synchrophasor Value Chain Analysis
  - 9.1.1 Synchrophasor Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 Manufacturing Cost Structure
  - 9.1.4 Synchrophasor Sales Mode & Process
- 9.2 Synchrophasor Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Synchrophasor Distributors
  - 9.2.3 Synchrophasor Customers

## **10 CONCLUDING INSIGHTS**

## **11 APPENDIX**

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
  - 11.5.1 Secondary Sources
  - 11.5.2 Primary Sources



## List Of Tables

### LIST OF TABLES

- Table 1. Synchrophasor Industry Trends
- Table 2. Synchrophasor Industry Drivers
- Table 3. Synchrophasor Industry Opportunities and Challenges
- Table 4. Synchrophasor Industry Restraints
- Table 5. Global Synchrophasor Revenue by Company (US\$ Million) & (2019-2024)
- Table 6. Global Synchrophasor Revenue Share by Company (2019-2024)
- Table 7. Global Synchrophasor Sales Volume by Company (Units) & (2019-2024)
- Table 8. Global Synchrophasor Sales Volume Share by Company (2019-2024)
- Table 9. Global Synchrophasor Average Price (USD/Unit) of Company (2019-2024)
- Table 10. Global Synchrophasor Company Ranking, 2022 VS 2023 VS 2024 & (US\$ Million)
- Table 11. Global Synchrophasor Key Company Manufacturing Base & Headquarters
- Table 12. Global Synchrophasor Company, Product Type & Application
- Table 13. Global Synchrophasor Company Commercialization Time
- Table 14. Global Company Market Concentration Ratio (CR5 and HHI)
- Table 15. Global Synchrophasor by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on Revenue of 2023)
- Table 16. Mergers & Acquisitions, Expansion
- Table 17. Major Companies of Type I
- Table 18. Major Companies of Type II
- Table 19. Global Synchrophasor Sales Volume by Type 2019 VS 2023 VS 2030 (Units)
- Table 20. Global Synchrophasor Sales Volume by Type (2019-2024) & (Units)
- Table 21. Global Synchrophasor Sales Volume by Type (2025-2030) & (Units)
- Table 22. Global Synchrophasor Sales Volume Share by Type (2019-2024)
- Table 23. Global Synchrophasor Sales Volume Share by Type (2025-2030)
- Table 24. Global Synchrophasor Sales Value by Type 2019 VS 2023 VS 2030 (US\$ Million)
- Table 25. Global Synchrophasor Sales Value by Type (2019-2024) & (US\$ Million)
- Table 26. Global Synchrophasor Sales Value by Type (2025-2030) & (US\$ Million)
- Table 27. Global Synchrophasor Sales Value Share by Type (2019-2024)
- Table 28. Global Synchrophasor Sales Value Share by Type (2025-2030)
- Table 29. Major Companies of Power Station
- Table 30. Major Companies of Transforming Station
- Table 31. Major Companies of Others
- Table 32. Global Synchrophasor Sales Volume by Application 2019 VS 2023 VS 2030

(Units)

Table 33. Global Synchronphasor Sales Volume by Application (2019-2024) & (Units)

Table 34. Global Synchronphasor Sales Volume by Application (2025-2030) & (Units)

Table 35. Global Synchronphasor Sales Volume Share by Application (2019-2024)

Table 36. Global Synchronphasor Sales Volume Share by Application (2025-2030)

Table 37. Global Synchronphasor Sales Value by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 38. Global Synchronphasor Sales Value by Application (2019-2024) & (US\$ Million)

Table 39. Global Synchronphasor Sales Value by Application (2025-2030) & (US\$ Million)

Table 40. Global Synchronphasor Sales Value Share by Application (2019-2024)

Table 41. Global Synchronphasor Sales Value Share by Application (2025-2030)

Table 42. Global Synchronphasor Sales by Region: 2019 VS 2023 VS 2030 (Units)

Table 43. Global Synchronphasor Sales by Region (2019-2024) & (Units)

Table 44. Global Synchronphasor Sales Market Share by Region (2019-2024)

Table 45. Global Synchronphasor Sales by Region (2025-2030) & (Units)

Table 46. Global Synchronphasor Sales Market Share by Region (2025-2030)

Table 47. Global Synchronphasor Sales Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 48. Global Synchronphasor Sales Value by Region (2019-2024) & (US\$ Million)

Table 49. Global Synchronphasor Sales Value Share by Region (2019-2024)

Table 50. Global Synchronphasor Sales Value by Region (2025-2030) & (US\$ Million)

Table 51. Global Synchronphasor Sales Value Share by Region (2025-2030)

Table 52. Global Synchronphasor Market Average Price (USD/Unit) by Region (2019-2024)

Table 53. Global Synchronphasor Market Average Price (USD/Unit) by Region (2025-2030)

Table 54. Global Synchronphasor Sales by Country: 2019 VS 2023 VS 2030 (Units)

Table 55. Global Synchronphasor Sales Value by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Table 56. Global Synchronphasor Sales by Country (2019-2024) & (Units)

Table 57. Global Synchronphasor Sales Market Share by Country (2019-2024)

Table 58. Global Synchronphasor Sales by Country (2025-2030) & (Units)

Table 59. Global Synchronphasor Sales Market Share by Country (2025-2030)

Table 60. Global Synchronphasor Sales Value by Country (2019-2024) & (US\$ Million)

Table 61. Global Synchronphasor Sales Value Market Share by Country (2019-2024)

Table 62. Global Synchronphasor Sales Value by Country (2025-2030) & (US\$ Million)

Table 63. Global Synchronphasor Sales Value Market Share by Country (2025-2030)



- Table 64. Schweitzer Engineering Laboratories Company Information
- Table 65. Schweitzer Engineering Laboratories Business Overview
- Table 66. Schweitzer Engineering Laboratories Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 67. Schweitzer Engineering Laboratories Synchrophasor Product Portfolio
- Table 68. Schweitzer Engineering Laboratories Recent Development
- Table 69. ABB Company Information
- Table 70. ABB Business Overview
- Table 71. ABB Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 72. ABB Synchrophasor Product Portfolio
- Table 73. ABB Recent Development
- Table 74. Beijing Sifang Automation Co., Ltd. Company Information
- Table 75. Beijing Sifang Automation Co., Ltd. Business Overview
- Table 76. Beijing Sifang Automation Co., Ltd. Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 77. Beijing Sifang Automation Co., Ltd. Synchrophasor Product Portfolio
- Table 78. Beijing Sifang Automation Co., Ltd. Recent Development
- Table 79. State Grid Corporation of China Company Information
- Table 80. State Grid Corporation of China Business Overview
- Table 81. State Grid Corporation of China Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 82. State Grid Corporation of China Synchrophasor Product Portfolio
- Table 83. State Grid Corporation of China Recent Development
- Table 84. Siemens Energy Company Information
- Table 85. Siemens Energy Business Overview
- Table 86. Siemens Energy Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 87. Siemens Energy Synchrophasor Product Portfolio
- Table 88. Siemens Energy Recent Development
- Table 89. NR Electric Company Information
- Table 90. NR Electric Business Overview
- Table 91. NR Electric Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 92. NR Electric Synchrophasor Product Portfolio
- Table 93. NR Electric Recent Development
- Table 94. GE Grid Solutions Company Information
- Table 95. GE Grid Solutions Business Overview
- Table 96. GE Grid Solutions Synchrophasor Sales (Units), Value (US\$ Million), Price

(USD/Unit) and Gross Margin (2019-2024)

Table 97. GE Grid Solutions Synchrophasor Product Portfolio

Table 98. GE Grid Solutions Recent Development

Table 99. Vizimax Company Information

Table 100. Vizimax Business Overview

Table 101. Vizimax Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 102. Vizimax Synchrophasor Product Portfolio

Table 103. Vizimax Recent Development

Table 104. Arbiter Systems Company Information

Table 105. Arbiter Systems Business Overview

Table 106. Arbiter Systems Synchrophasor Sales (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 107. Arbiter Systems Synchrophasor Product Portfolio

Table 108. Arbiter Systems Recent Development

Table 109. Key Raw Materials

Table 110. Raw Materials Key Suppliers

Table 111. Synchrophasor Distributors List

Table 112. Synchrophasor Customers List

Table 113. Research Programs/Design for This Report

Table 114. Authors List of This Report

Table 115. Secondary Sources

Table 116. Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Synchrophasor Product Picture
- Figure 2. Global Synchrophasor Sales Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Synchrophasor Sales Value (2019-2030) & (US\$ Million)
- Figure 4. Global Synchrophasor Sales (2019-2030) & (Units)
- Figure 5. Global Synchrophasor Sales Average Price (USD/Unit) & (2019-2030)
- Figure 6. Global Synchrophasor Company Revenue Ranking in 2023 (US\$ Million)
- Figure 7. Global Top 5 and 10 Company Market Share by Revenue in 2023 (US\$ Million)
- Figure 8. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 9. Type I Picture
- Figure 10. Type II Picture
- Figure 11. Global Synchrophasor Sales Volume by Type (2019 VS 2023 VS 2030) & (Units)
- Figure 12. Global Synchrophasor Sales Volume Share 2019 VS 2023 VS 2030
- Figure 13. Global Synchrophasor Sales Volume Share by Type (2019-2030)
- Figure 14. Global Synchrophasor Sales Value by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 15. Global Synchrophasor Sales Value Share 2019 VS 2023 VS 2030
- Figure 16. Global Synchrophasor Sales Value Share by Type (2019-2030)
- Figure 17. Power Station Picture
- Figure 18. Transforming Station Picture
- Figure 19. Others Picture
- Figure 20. Global Synchrophasor Sales Volume by Application (2019 VS 2023 VS 2030) & (Units)
- Figure 21. Global Synchrophasor Sales Volume Share 2019 VS 2023 VS 2030
- Figure 22. Global Synchrophasor Sales Volume Share by Application (2019-2030)
- Figure 23. Global Synchrophasor Sales Value by Application (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 24. Global Synchrophasor Sales Value Share 2019 VS 2023 VS 2030
- Figure 25. Global Synchrophasor Sales Value Share by Application (2019-2030)
- Figure 26. Global Synchrophasor Sales by Region: 2019 VS 2023 VS 2030 (Units)
- Figure 27. Global Synchrophasor Sales Market Share by Region: 2019 VS 2023 VS 2030
- Figure 28. Global Synchrophasor Sales Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 29. Global Synchrophasor Sales Value Share by Region: 2019 VS 2023 VS 2030

Figure 30. North America Synchrophasor Sales Value (2019-2030) & (US\$ Million)

Figure 31. North America Synchrophasor Sales Value Share by Country (%), 2023 VS 2030

Figure 32. Europe Synchrophasor Sales Value (2019-2030) & (US\$ Million)

Figure 33. Europe Synchrophasor Sales Value Share by Country (%), 2023 VS 2030

Figure 34. Asia-Pacific Synchrophasor Sales Value (2019-2030) & (US\$ Million)

Figure 35. Asia-Pacific Synchrophasor Sales Value Share by Country (%), 2023 VS 2030

Figure 36. Latin America Synchrophasor Sales Value (2019-2030) & (US\$ Million)

Figure 37. Latin America Synchrophasor Sales Value Share by Country (%), 2023 VS 2030

Figure 38. Middle East & Africa Synchrophasor Sales Value (2019-2030) & (US\$ Million)

Figure 39. Middle East & Africa Synchrophasor Sales Value Share by Country (%), 2023 VS 2030

Figure 40. USA Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 41. USA Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 42. USA Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 43. Canada Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 44. Canada Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 45. Canada Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 46. Germany Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 47. Germany Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 48. Germany Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 49. France Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 50. France Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 51. France Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 52. U.K. Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 53. U.K. Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 54. U.K. Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 55. Italy Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 56. Italy Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 57. Italy Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 58. Netherlands Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 59. Netherlands Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 60. Netherlands Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 61. Nordic Countries Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 62. Nordic Countries Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 63. Nordic Countries Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 64. China Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 65. China Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 66. China Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 67. Japan Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 68. Japan Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 69. Japan Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 70. South Korea Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 71. South Korea Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 72. South Korea Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 73. Southeast Asia Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 74. Southeast Asia Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 75. Southeast Asia Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 76. India Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 77. India Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 78. India Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 79. Australia Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)



Figure 80. Australia Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 81. Australia Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 82. Mexico Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 83. Mexico Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 84. Mexico Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 85. Brazil Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 86. Brazil Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 87. Brazil Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 88. Turkey Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 89. Turkey Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 90. Turkey Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 91. Saudi Arabia Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 92. Saudi Arabia Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 93. Saudi Arabia Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 94. UAE Synchrophasor Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 95. UAE Synchrophasor Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 96. UAE Synchrophasor Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 97. Synchrophasor Value Chain

Figure 98. Manufacturing Cost Structure

Figure 99. Synchrophasor Sales Mode & Process

Figure 100. Direct Comparison with Distribution Share

Figure 101. Distributors Profiles

Figure 102. Years Considered

Figure 103. Research Process

Figure 104. Key Executives Interviewed

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