

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Synchrophasor Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G4F6B101211EN.html>

Date: June 2018

Pages: 132

Price: US\$ 4,880.00 (Single User License)

ID: G4F6B101211EN

Abstracts

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.

Scope of the Report:

This report focuses on the Synchrophasor in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. ABB, GE Grid Solutions and Siemens Energy captured the top three revenue share spots in the Synchrophasor market in 2016. ABB dominated with 19.77 % revenue share, followed by GE Grid Solutions with 17.39% revenue share and Siemens Energy with 13.84% revenue share.

In the next five years, the global consumption volume of Synchrophasor will show upwards tendency further, consumption volume is expected in 2022 will be 4521 Units. Especially, in some emergence countries, such as India and Brazil among others, the synchrophasor installation capacity will present an upwards growth rate in the future,

because of the national policy and the PMUs' advantage than SCADA. The global average selling price will be around 74596 \$/Unit in 2022.

The market is not only influenced by the price, but also influenced by the product performance. The leading companies own the advantages on better performance, more abundant product's types, better technical and impeccable after-sales service.

Consequently, they take the majority of the market share of high-end market.

Despite the presence of competition problems and the high entry, due to the global recovery trend is slightly, investor are still optimistic about this area; the future will still have more new investment enter the field.

The worldwide market for Synchrophasor is expected to grow at a CAGR of roughly 24.3% over the next five years, will reach 280 million US\$ in 2023, from 96 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ABB

GE Grid Solutions

Siemens Energy

State Grid Corporation of China

Beijing Sifang Automation

Schweitzer Engineering Laboratories

NR Electric

Arbiter Systems

Vizimax

Macrodyne

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Synchrophasor

Type II

Market Segment by Applications, can be divided into

Power Station

Transforming Station

Others

There are 15 Chapters to deeply display the global Synchrophasor market.

Chapter 1, to describe Synchrophasor Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Synchrophasor, with sales, revenue, and price of Synchrophasor, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Synchrophasor, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Synchrophasor market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Synchrophasor sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Synchrophasor Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Synchrophasor
 - 1.2.2 Type II
- 1.3 Market Analysis by Applications
 - 1.3.1 Power Station
 - 1.3.2 Transforming Station
 - 1.3.3 Others
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 ABB

2.1.1 Business Overview

2.1.1.1 ABB Description

2.1.1.2 ABB Headquarter, Main Business and Finance Overview

2.1.2 ABB Synchrophasor Product Introduction

2.1.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.1.2.2 Synchrophasor Product Information

2.1.3 ABB Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 ABB Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global ABB Synchrophasor Market Share in 2017

2.2 GE Grid Solutions

2.2.1 Business Overview

2.2.1.1 GE Grid Solutions Description

2.2.1.2 GE Grid Solutions Headquarter, Main Business and Finance Overview

2.2.2 GE Grid Solutions Synchrophasor Product Introduction

2.2.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.2.2.2 Synchrophasor Product Information

2.2.3 GE Grid Solutions Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 GE Grid Solutions Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global GE Grid Solutions Synchrophasor Market Share in 2017

2.3 Siemens Energy

2.3.1 Business Overview

2.3.1.1 Siemens Energy Description

2.3.1.2 Siemens Energy Headquarter, Main Business and Finance Overview

2.3.2 Siemens Energy Synchrophasor Product Introduction

2.3.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.3.2.2 Synchrophasor Product Information

2.3.3 Siemens Energy Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 Siemens Energy Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global Siemens Energy Synchrophasor Market Share in 2017

2.4 State Grid Corporation of China

2.4.1 Business Overview

2.4.1.1 State Grid Corporation of China Description

2.4.1.2 State Grid Corporation of China Headquarter, Main Business and Finance Overview

2.4.2 State Grid Corporation of China Synchrophasor Product Introduction

2.4.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.4.2.2 Synchrophasor Product Information

2.4.3 State Grid Corporation of China Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 State Grid Corporation of China Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global State Grid Corporation of China Synchrophasor Market Share in 2017

2.5 Beijing Sifang Automation

2.5.1 Business Overview

2.5.1.1 Beijing Sifang Automation Description

2.5.1.2 Beijing Sifang Automation Headquarter, Main Business and Finance Overview

2.5.2 Beijing Sifang Automation Synchrophasor Product Introduction

2.5.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.5.2.2 Synchrophasor Product Information

2.5.3 Beijing Sifang Automation Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Beijing Sifang Automation Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Beijing Sifang Automation Synchrophasor Market Share in 2017

2.6 Schweitzer Engineering Laboratories

2.6.1 Business Overview

2.6.1.1 Schweitzer Engineering Laboratories Description

2.6.1.2 Schweitzer Engineering Laboratories Headquarter, Main Business and Finance Overview

2.6.2 Schweitzer Engineering Laboratories Synchrophasor Product Introduction

2.6.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.6.2.2 Synchrophasor Product Information

2.6.3 Schweitzer Engineering Laboratories Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Schweitzer Engineering Laboratories Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Schweitzer Engineering Laboratories Synchrophasor Market Share in

2017

2.7 NR Electric

2.7.1 Business Overview

2.7.1.1 NR Electric Description

2.7.1.2 NR Electric Headquarter, Main Business and Finance Overview

2.7.2 NR Electric Synchrophasor Product Introduction

2.7.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.7.2.2 Synchrophasor Product Information

2.7.3 NR Electric Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 NR Electric Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global NR Electric Synchrophasor Market Share in 2017

2.8 Arbiter Systems

2.8.1 Business Overview

2.8.1.1 Arbiter Systems Description

2.8.1.2 Arbiter Systems Headquarter, Main Business and Finance Overview

2.8.2 Arbiter Systems Synchrophasor Product Introduction

2.8.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.8.2.2 Synchrophasor Product Information

2.8.3 Arbiter Systems Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 Arbiter Systems Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Arbiter Systems Synchrophasor Market Share in 2017

2.9 Vizimax

2.9.1 Business Overview

2.9.1.1 Vizimax Description

2.9.1.2 Vizimax Headquarter, Main Business and Finance Overview

2.9.2 Vizimax Synchrophasor Product Introduction

2.9.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors

2.9.2.2 Synchrophasor Product Information

2.9.3 Vizimax Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.1 Vizimax Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Vizimax Synchrophasor Market Share in 2017

2.10 Macrodyne

2.10.1 Business Overview

- 2.10.1.1 Macrodyne Description
- 2.10.1.2 Macrodyne Headquarter, Main Business and Finance Overview
- 2.10.2 Macrodyne Synchrophasor Product Introduction
 - 2.10.2.1 Synchrophasor Production Bases, Sales Regions and Major Competitors
 - 2.10.2.2 Synchrophasor Product Information
- 2.10.3 Macrodyne Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.1 Macrodyne Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.2 Global Macrodyne Synchrophasor Market Share in 2017

3 GLOBAL SYNCHROPHASOR MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Synchrophasor Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Synchrophasor Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Synchrophasor Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Synchrophasor Manufacturer Market Share in 2017
 - 3.4.2 Top 5 Synchrophasor Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL SYNCHROPHASOR MARKET ANALYSIS BY REGIONS

- 4.1 Global Synchrophasor Sales, Revenue and Market Share by Regions
 - 4.1.1 Global Synchrophasor Sales by Regions (2013-2018)
 - 4.1.2 Global Synchrophasor Revenue by Regions (2013-2018)
- 4.2 North America Synchrophasor Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Synchrophasor Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Synchrophasor Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Synchrophasor Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Synchrophasor Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA SYNCHROPHASOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America Synchrophasor Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Synchrophasor Sales by Countries (2013-2018)
 - 5.1.2 North America Synchrophasor Revenue by Countries (2013-2018)

- 5.1.3 United States Synchrophasor Sales and Growth Rate (2013-2018)
- 5.1.4 Canada Synchrophasor Sales and Growth Rate (2013-2018)
- 5.1.5 Mexico Synchrophasor Sales and Growth Rate (2013-2018)
- 5.2 North America Synchrophasor Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Synchrophasor Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Synchrophasor Revenue by Manufacturers (2016-2017)
- 5.3 North America Synchrophasor Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Synchrophasor Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Synchrophasor Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Synchrophasor Sales, Revenue and Market Share by Application (2013-2018)
 - 5.4.1 North America Synchrophasor Sales and Sales Share by Application (2013-2018)
 - 5.4.2 North America Synchrophasor Revenue and Revenue Share by Application (2013-2018)

6 EUROPE SYNCHROPHASOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 6.1 Europe Synchrophasor Sales, Revenue and Market Share by Countries
 - 6.1.1 Europe Synchrophasor Sales by Countries (2013-2018)
 - 6.1.2 Europe Synchrophasor Revenue by Countries (2013-2018)
 - 6.1.3 Germany Synchrophasor Sales and Growth Rate (2013-2018)
 - 6.1.4 UK Synchrophasor Sales and Growth Rate (2013-2018)
 - 6.1.5 France Synchrophasor Sales and Growth Rate (2013-2018)
 - 6.1.6 Russia Synchrophasor Sales and Growth Rate (2013-2018)
 - 6.1.7 Italy Synchrophasor Sales and Growth Rate (2013-2018)
- 6.2 Europe Synchrophasor Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Synchrophasor Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Synchrophasor Revenue by Manufacturers (2016-2017)
- 6.3 Europe Synchrophasor Sales, Revenue and Market Share by Type (2013-2018)
 - 6.3.1 Europe Synchrophasor Sales and Sales Share by Type (2013-2018)
 - 6.3.2 Europe Synchrophasor Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Synchrophasor Sales, Revenue and Market Share by Application (2013-2018)
 - 6.4.1 Europe Synchrophasor Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Synchrophasor Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC SYNCHROPHASOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Synchrophasor Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Synchrophasor Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Synchrophasor Revenue by Countries (2013-2018)

7.1.3 China Synchrophasor Sales and Growth Rate (2013-2018)

7.1.4 Japan Synchrophasor Sales and Growth Rate (2013-2018)

7.1.5 Korea Synchrophasor Sales and Growth Rate (2013-2018)

7.1.6 India Synchrophasor Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Synchrophasor Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Synchrophasor Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Synchrophasor Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Synchrophasor Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Synchrophasor Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Synchrophasor Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Synchrophasor Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Synchrophasor Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Synchrophasor Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Synchrophasor Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA SYNCHROPHASOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Synchrophasor Sales, Revenue and Market Share by Countries

8.1.1 South America Synchrophasor Sales by Countries (2013-2018)

8.1.2 South America Synchrophasor Revenue by Countries (2013-2018)

8.1.3 Brazil Synchrophasor Sales and Growth Rate (2013-2018)

8.1.4 Argentina Synchrophasor Sales and Growth Rate (2013-2018)

8.1.5 Colombia Synchrophasor Sales and Growth Rate (2013-2018)

8.2 South America Synchrophasor Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Synchrophasor Sales by Manufacturers (2016-2017)

- 8.2.2 South America Synchrophasor Revenue by Manufacturers (2016-2017)
- 8.3 South America Synchrophasor Sales, Revenue and Market Share by Type (2013-2018)
 - 8.3.1 South America Synchrophasor Sales and Sales Share by Type (2013-2018)
 - 8.3.2 South America Synchrophasor Revenue and Revenue Share by Type (2013-2018)
- 8.4 South America Synchrophasor Sales, Revenue and Market Share by Application (2013-2018)
 - 8.4.1 South America Synchrophasor Sales and Sales Share by Application (2013-2018)
 - 8.4.2 South America Synchrophasor Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA SYNCHROPHASOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Middle East and Africa Synchrophasor Sales, Revenue and Market Share by Countries
 - 9.1.1 Middle East and Africa Synchrophasor Sales by Countries (2013-2018)
 - 9.1.2 Middle East and Africa Synchrophasor Revenue by Countries (2013-2018)
 - 9.1.3 Saudi Arabia Synchrophasor Sales and Growth Rate (2013-2018)
 - 9.1.4 UAE Synchrophasor Sales and Growth Rate (2013-2018)
 - 9.1.5 Egypt Synchrophasor Sales and Growth Rate (2013-2018)
 - 9.1.6 Nigeria Synchrophasor Sales and Growth Rate (2013-2018)
 - 9.1.7 South Africa Synchrophasor Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa Synchrophasor Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 9.2.1 Middle East and Africa Synchrophasor Sales by Manufacturers (2016-2017)
 - 9.2.2 Middle East and Africa Synchrophasor Revenue by Manufacturers (2016-2017)
- 9.3 Middle East and Africa Synchrophasor Sales, Revenue and Market Share by Type (2013-2018)
 - 9.3.1 Middle East and Africa Synchrophasor Sales and Sales Share by Type (2013-2018)
 - 9.3.1 Middle East and Africa Synchrophasor Revenue and Revenue Share by Type (2013-2018)
- 9.4 Middle East and Africa Synchrophasor Sales, Revenue and Market Share by Application (2013-2018)
 - 9.4.1 Middle East and Africa Synchrophasor Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Synchrophasor Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL SYNCHROPHASOR MARKET SEGMENT BY TYPE

10.1 Global Synchrophasor Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Synchrophasor Sales and Market Share by Type (2013-2018)

10.1.2 Global Synchrophasor Revenue and Market Share by Type (2013-2018)

10.2 Synchrophasor Sales Growth and Price

10.2.1 Global Synchrophasor Sales Growth (2013-2018)

10.2.2 Global Synchrophasor Price (2013-2018)

10.3 Type II Sales Growth and Price

10.3.1 Global Type II Sales Growth (2013-2018)

10.3.2 Global Type II Price (2013-2018)

11 GLOBAL SYNCHROPHASOR MARKET SEGMENT BY APPLICATION

11.1 Global Synchrophasor Sales Market Share by Application (2013-2018)

11.2 Power Station Sales Growth (2013-2018)

11.3 Transforming Station Sales Growth (2013-2018)

11.4 Others Sales Growth (2013-2018)

12 SYNCHROPHASOR MARKET FORECAST (2018-2023)

12.1 Global Synchrophasor Sales, Revenue and Growth Rate (2018-2023)

12.2 Synchrophasor Market Forecast by Regions (2018-2023)

12.2.1 North America Synchrophasor Market Forecast (2018-2023)

12.2.2 Europe Synchrophasor Market Forecast (2018-2023)

12.2.3 Asia-Pacific Synchrophasor Market Forecast (2018-2023)

12.2.4 South America Synchrophasor Market Forecast (2018-2023)

12.2.5 Middle East and Africa Synchrophasor Market Forecast (2018-2023)

12.3 Synchrophasor Market Forecast by Type (2018-2023)

12.3.1 Global Synchrophasor Sales Forecast by Type (2018-2023)

12.3.2 Global Synchrophasor Market Share Forecast by Type (2018-2023)

12.4 Synchrophasor Market Forecast by Application (2018-2023)

12.4.1 Global Synchrophasor Sales Forecast by Application (2018-2023)

12.4.2 Global Synchrophasor Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Synchrophasor Picture

Table Product Specifications of Synchrophasor

Figure Global Synchrophasor CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Synchrophasor CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Synchrophasor by Types in 2017

Figure Synchrophasor Picture

Table Major Manufacturers of Synchrophasor

Figure Type II Picture

Table Major Manufacturers of Type II

Figure Synchrophasor Sales Market Share by Applications in 2017

Figure Power Station Picture

Figure Transforming Station Picture

Figure Others Picture

Figure United States Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure France Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure UK Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure China Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure India Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Synchrophasor Revenue (Value) and Growth Rate (2013-2023)

Table ABB Headquarter, Established, Main Business and Finance Overview (2017)

Table ABB Synchrophasor Production Bases, Sales Regions and Major Competitors

Table ABB Synchrophasor Product

Table ABB Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global ABB Synchrophasor Sales Market Share in 2017

Figure Global ABB Synchrophasor Revenue Market Share in 2017

Table GE Grid Solutions Headquarter, Established, Main Business and Finance Overview (2017)

Table GE Grid Solutions Synchrophasor Production Bases, Sales Regions and Major Competitors

Table GE Grid Solutions Synchrophasor Product

Table GE Grid Solutions Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global GE Grid Solutions Synchrophasor Sales Market Share in 2017

Figure Global GE Grid Solutions Synchrophasor Revenue Market Share in 2017

Table Siemens Energy Headquarter, Established, Main Business and Finance Overview (2017)

Table Siemens Energy Synchrophasor Production Bases, Sales Regions and Major Competitors

Table Siemens Energy Synchrophasor Product

Table Siemens Energy Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Siemens Energy Synchrophasor Sales Market Share in 2017

Figure Global Siemens Energy Synchrophasor Revenue Market Share in 2017

Table State Grid Corporation of China Headquarter, Established, Main Business and Finance Overview (2017)

Table State Grid Corporation of China Synchrophasor Production Bases, Sales Regions and Major Competitors

Table State Grid Corporation of China Synchrophasor Product

Table State Grid Corporation of China Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global State Grid Corporation of China Synchrophasor Sales Market Share in 2017

Figure Global State Grid Corporation of China Synchrophasor Revenue Market Share in 2017

Table Beijing Sifang Automation Headquarter, Established, Main Business and Finance Overview (2017)

Table Beijing Sifang Automation Synchrophasor Production Bases, Sales Regions and Major Competitors

Table Beijing Sifang Automation Synchrophasor Product

Table Beijing Sifang Automation Synchronphasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Beijing Sifang Automation Synchronphasor Sales Market Share in 2017

Figure Global Beijing Sifang Automation Synchronphasor Revenue Market Share in 2017

Table Schweitzer Engineering Laboratories Headquarter, Established, Main Business and Finance Overview (2017)

Table Schweitzer Engineering Laboratories Synchronphasor Production Bases, Sales Regions and Major Competitors

Table Schweitzer Engineering Laboratories Synchronphasor Product

Table Schweitzer Engineering Laboratories Synchronphasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Schweitzer Engineering Laboratories Synchronphasor Sales Market Share in 2017

Figure Global Schweitzer Engineering Laboratories Synchronphasor Revenue Market Share in 2017

Table NR Electric Headquarter, Established, Main Business and Finance Overview (2017)

Table NR Electric Synchronphasor Production Bases, Sales Regions and Major Competitors

Table NR Electric Synchronphasor Product

Table NR Electric Synchronphasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global NR Electric Synchronphasor Sales Market Share in 2017

Figure Global NR Electric Synchronphasor Revenue Market Share in 2017

Table Arbiter Systems Headquarter, Established, Main Business and Finance Overview (2017)

Table Arbiter Systems Synchronphasor Production Bases, Sales Regions and Major Competitors

Table Arbiter Systems Synchronphasor Product

Table Arbiter Systems Synchronphasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Arbiter Systems Synchronphasor Sales Market Share in 2017

Figure Global Arbiter Systems Synchronphasor Revenue Market Share in 2017

Table Vizimax Headquarter, Established, Main Business and Finance Overview (2017)

Table Vizimax Synchronphasor Production Bases, Sales Regions and Major Competitors

Table Vizimax Synchronphasor Product

Table Vizimax Synchronphasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Vizimax Synchronphasor Sales Market Share in 2017

Figure Global Vizimax Synchrophasor Revenue Market Share in 2017
Table Macrodyne Headquarter, Established, Main Business and Finance Overview (2017)
Table Macrodyne Synchrophasor Production Bases, Sales Regions and Major Competitors
Table Macrodyne Synchrophasor Product
Table Macrodyne Synchrophasor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Macrodyne Synchrophasor Sales Market Share in 2017
Figure Global Macrodyne Synchrophasor Revenue Market Share in 2017
Table Global Synchrophasor Sales by Manufacturer (2016-2017)
Figure Global Synchrophasor Sales Market Share by Manufacturer in 2016
Figure Global Synchrophasor Sales Market Share by Manufacturer in 2017
Table Global Synchrophasor Revenue by Manufacturer (2016-2017)
Figure Global Synchrophasor Revenue Market Share by Manufacturer in 2016
Figure Global Synchrophasor Revenue Market Share by Manufacturer in 2017
Table Global Synchrophasor Price by Manufacturer (2016-2017)
Figure Top 3 Synchrophasor Manufacturer (Revenue) Market Share in 2017
Figure Top 6 Synchrophasor Manufacturer (Revenue) Market Share in 2017
Figure Global Synchrophasor Sales and Growth Rate (2013-2018)
Figure Global Synchrophasor Revenue and Growth Rate (2013-2018)
Table Global Synchrophasor Sales by Regions (2013-2018)
Table Global Synchrophasor Sales Market Share by Regions (2013-2018)
Table Global Synchrophasor Revenue by Regions (2013-2018)
Figure Global Synchrophasor Revenue Market Share by Regions in 2013
Figure Global Synchrophasor Revenue Market Share by Regions in 2017
Figure North America Synchrophasor Sales and Growth Rate (2013-2018)
Figure North America Synchrophasor Revenue and Growth Rate (2013-2018)
Figure Europe Synchrophasor Sales and Growth Rate (2013-2018)
Figure Europe Synchrophasor Revenue and Growth Rate (2013-2018)
Figure Asia-Pacific Synchrophasor Sales and Growth Rate (2013-2018)
Figure Asia-Pacific Synchrophasor Revenue and Growth Rate (2013-2018)
Figure South America Synchrophasor Sales and Growth Rate (2013-2018)
Figure South America Synchrophasor Revenue and Growth Rate (2013-2018)
Figure Middle East and Africa Synchrophasor Sales and Growth Rate (2013-2018)
Figure Middle East and Africa Synchrophasor Revenue and Growth Rate (2013-2018)
Figure North America Synchrophasor Revenue and Growth Rate (2013-2018)
Table North America Synchrophasor Sales by Countries (2013-2018)
Table North America Synchrophasor Sales Market Share by Countries (2013-2018)

Figure North America Synchrophasor Sales Market Share by Countries in 2013
Figure North America Synchrophasor Sales Market Share by Countries in 2017
Table North America Synchrophasor Revenue by Countries (2013-2018)
Table North America Synchrophasor Revenue Market Share by Countries (2013-2018)
Figure North America Synchrophasor Revenue Market Share by Countries in 2013
Figure North America Synchrophasor Revenue Market Share by Countries in 2017
Figure United States Synchrophasor Sales and Growth Rate (2013-2018)
Figure Canada Synchrophasor Sales and Growth Rate (2013-2018)
Figure Mexico Synchrophasor Sales and Growth Rate (2013-2018)
Table North America Synchrophasor Sales by Manufacturer (2016-2017)
Figure North America Synchrophasor Sales Market Share by Manufacturer in 2016
Figure North America Synchrophasor Sales Market Share by Manufacturer in 2017
Table North America Synchrophasor Revenue by Manufacturer (2016-2017)
Figure North America Synchrophasor Revenue Market Share by Manufacturer in 2016
Figure North America Synchrophasor Revenue Market Share by Manufacturer in 2017
Table North America Synchrophasor Sales by Type (2013-2018)
Table North America Synchrophasor Sales Share by Type (2013-2018)
Table North America Synchrophasor Revenue by Type (2013-2018)
Table North America Synchrophasor Revenue Share by Type (2013-2018)
Table North America Synchrophasor Sales by Application (2013-2018)
Table North America Synchrophasor Sales Share by Application (2013-2018)
Table North America Synchrophasor Revenue by Application (2013-2018)
Table North America Synchrophasor Revenue Share by Application (2013-2018)
Figure Europe Synchrophasor Revenue and Growth Rate (2013-2018)
Table Europe Synchrophasor Sales by Countries (2013-2018)
Table Europe Synchrophasor Sales Market Share by Countries (2013-2018)
Table Europe Synchrophasor Revenue by Countries (2013-2018)
Figure Europe Synchrophasor Revenue Market Share by Countries in 2016
Figure Europe Synchrophasor Revenue Market Share by Countries in 2017
Figure Germany Synchrophasor Sales and Growth Rate (2013-2018)
Figure UK Synchrophasor Sales and Growth Rate (2013-2018)
Figure France Synchrophasor Sales and Growth Rate (2013-2018)
Figure Russia Synchrophasor Sales and Growth Rate (2013-2018)
Figure Italy Synchrophasor Sales and Growth Rate (2013-2018)
Table Europe Synchrophasor Sales by Manufacturer (2016-2017)
Figure Europe Synchrophasor Sales Market Share by Manufacturer in 2016
Figure Europe Synchrophasor Sales Market Share by Manufacturer in 2017
Table Europe Synchrophasor Revenue by Manufacturer (2016-2017)
Figure Europe Synchrophasor Revenue Market Share by Manufacturer in 2016

Figure Europe Synchrophasor Revenue Market Share by Manufacturer in 2017
Table Europe Synchrophasor Sales by Type (2013-2018)
Table Europe Synchrophasor Sales Share by Type (2013-2018)
Table Europe Synchrophasor Revenue by Type (2013-2018)
Table Europe Synchrophasor Revenue Share by Type (2013-2018)
Table Europe Synchrophasor Sales by Application (2013-2018)
Table Europe Synchrophasor Sales Share by Application (2013-2018)
Table Europe Synchrophasor Revenue by Application (2013-2018)
Table Europe Synchrophasor Revenue Share by Application (2013-2018)
Figure Asia-Pacific Synchrophasor Revenue and Growth Rate (2013-2018)
Table Asia-Pacific Synchrophasor Sales by Countries (2013-2018)
Table Asia-Pacific Synchrophasor Sales Market Share by Countries (2013-2018)
Figure Asia-Pacific Synchrophasor Sales Market Share by Countries 2017
Table Asia-Pacific Synchrophasor Revenue by Countries (2013-2018)
Figure Asia-Pacific Synchrophasor Revenue Market Share by Countries 2017
Figure China Synchrophasor Sales and Growth Rate (2013-2018)
Figure Japan Synchrophasor Sales and Growth Rate (2013-2018)
Figure Korea Synchrophasor Sales and Growth Rate (2013-2018)
Figure India Synchrophasor Sales and Growth Rate (2013-2018)
Figure Southeast Asia Synchrophasor Sales and Growth Rate (2013-2018)
Table Asia-Pacific Synchrophasor Sales by Manufacturer (2016-2017)
Figure Asia-Pacific Synchrophasor Sales Market Share by Manufacturer in 2016
Figure Asia-Pacific Synchrophasor Sales Market Share by Manufacturer in 2017
Table Asia-Pacific Synchrophasor Revenue by Manufacturer (2016-2017)
Figure Asia-Pacific Synchrophasor Revenue Market Share by Manufacturer in 2016
Figure Asia-Pacific Synchrophasor Revenue Market Share by Manufacturer in 2017
Table Asia-Pacific Synchrophasor Sales by Type (2013-2018)
Table Asia-Pacific Synchrophasor Sales Share by Type (2013-2018)
Table Asia-Pacific Synchrophasor Revenue by Type (2013-2018)
Table Asia-Pacific Synchrophasor Revenue Share by Type (2013-2018)
Table Asia-Pacific Synchrophasor Sales by Application (2013-2018)
Table Asia-Pacific Synchrophasor Sales Share by Application (2013-2018)
Table Asia-Pacific Synchrophasor Revenue by Application (2013-2018)
Table Asia-Pacific Synchrophasor Revenue Share by Application (2013-2018)
Figure South America Synchrophasor Revenue and Growth Rate (2013-2018)
Table South America Synchrophasor Sales by Countries (2013-2018)
Table South America Synchrophasor Sales Market Share by Countries (2013-2018)
Figure South America Synchrophasor Sales Market Share by Countries in 2017
Table South America Synchrophasor Revenue by Countries (2013-2018)

Table South America Synchrophasor Revenue Market Share by Countries (2013-2018)
Figure South America Synchrophasor Revenue Market Share by Countries in 2017
Figure Brazil Synchrophasor Sales and Growth Rate (2013-2018)
Figure Argentina Synchrophasor Sales and Growth Rate (2013-2018)
Figure Colombia Synchrophasor Sales and Growth Rate (2013-2018)
Table South America Synchrophasor Sales by Manufacturer (2016-2017)
Figure South America Synchrophasor Sales Market Share by Manufacturer in 2016
Figure South America Synchrophasor Sales Market Share by Manufacturer in 2017
Table South America Synchrophasor Revenue by Manufacturer (2016-2017)
Figure South America Synchrophasor Revenue Market Share by Manufacturer in 2016
Figure South America Synchrophasor Revenue Market Share by Manufacturer in 2017
Table South America Synchrophasor Sales by Type (2013-2018)
Table South America Synchrophasor Sales Share by Type (2013-2018)
Table South America Synchrophasor Revenue by Type (2013-2018)
Table South America Synchrophasor Revenue Share by Type (2013-2018)
Table South America Synchrophasor Sales by Application (2013-2018)
Table South America Synchrophasor Sales Share by Application (2013-2018)
Table South America Synchrophasor Revenue by Application (2013-2018)
Table South America Synchrophasor Revenue Share by Application (2013-2018)
Figure Middle East and Africa Synchrophasor Revenue and Growth Rate (2013-2018)
Table Middle East and Africa Synchrophasor Sales by Countries (2013-2018)
Table Middle East and Africa Synchrophasor Sales Market Share by Countries (2013-2018)
Figure Middle East and Africa Synchrophasor Sales Market Share by Countries in 2017
Table Middle East and Africa Synchrophasor Revenue by Countries (2013-2018)
Table Middle East and Africa Synchrophasor Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa Synchrophasor Revenue Market Share by Countries in 2013
Figure Middle East and Africa Synchrophasor Revenue Market Share by Countries in 2017
Figure Saudi Arabia Synchrophasor Sales and Growth Rate (2013-2018)
Figure UAE Synchrophasor Sales and Growth Rate (2013-2018)
Figure Egypt Synchrophasor Sales and Growth Rate (2013-2018)
Figure Nigeria Synchrophasor Sales and Growth Rate (2013-2018)
Figure South Africa Synchrophasor Sales and Growth Rate (2013-2018)
Table Middle East and Africa Synchrophasor Sales by Manufacturer (2016-2017)
Figure Middle East and Africa Synchrophasor Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Synchrophasor Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Synchrophasor Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Synchrophasor Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Synchrophasor Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Synchrophasor Sales by Type (2013-2018)

Table Middle East and Africa Synchrophasor Sales Share by Type (2013-2018)

Table Middle East and Africa Synchrophasor Revenue by Type (2013-2018)

Table Middle East and Africa Synchrophasor Revenue Share by Type (2013-2018)

Table Middle East and Africa Synchrophasor Sales by Application (2013-2018)

Table Middle East and Africa Synchrophasor Sales Share by Application (2013-2018)

Table Middle East and Africa Synchrophasor Revenue by Application (2013-2018)

Table Middle East and Africa Synchrophasor Revenue Share by Application (2013-2018)

Table Global Synchrophasor Sales by Type (2013-2018)

Table Global Synchrophasor Sales Share by Type (2013-2018)

Table Global Synchrophasor Revenue by Type (2013-2018)

Table Global Synchrophasor Revenue Share by Type (2013-2018)

Figure Global Synchrophasor Sales Growth (2013-2018)

Figure Global Synchrophasor Price (2013-2018)

Figure Global Type II Sales Growth (2013-2018)

Figure Global Type II Price (2013-2018)

Table Global Synchrophasor Sales by Application (2013-2018)

Table Global Synchrophasor Sales Share by Application (2013-2018)

Figure Global Power Station Sales Growth (2013-2018)

Figure Global Transforming Station Sales Growth (2013-2018)

Figure Global Others Sales Growth (2013-2018)

Figure Global Synchrophasor Sales, Revenue and Growth Rate (2018-2023)

Table Global Synchrophasor Sales Forecast by Regions (2018-2023)

Table Global Synchrophasor Market Share Forecast by Regions (2018-2023)

Figure North America Sales Synchrophasor Market Forecast (2018-2023)

Figure Europe Sales Synchrophasor Market Forecast (2018-2023)

Figure Asia-Pacific Sales Synchrophasor Market Forecast (2018-2023)

Figure South America Sales Synchrophasor Market Forecast (2018-2023)

Figure Middle East and Africa Sales Synchrophasor Market Forecast (2018-2023)

Table Global Synchrophasor Sales Forecast by Type (2018-2023)

Table Global Synchrophasor Market Share Forecast by Type (2018-2023)

Table Global Synchrophasor Sales Forecast by Application (2018-2023)

Table Global Synchrophasor Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List

I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)
Synchrophasor Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/G4F6B101211EN.html>

Price: US\$ 4,880.00 (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/G4F6B101211EN.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

