

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

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Abstracts

Solid state transformer, also known as power electronic transformer (EPT), is a kind of electric power electronic transformation technology and electromagnetic induction principle based on the combination of high-frequency power conversion technology to achieve power characteristics of electricity into other Electric power characteristics of the static electrical equipment. Compared with the conventional transformer, EPT has many advantages, its outstanding feature is that the original current can be achieved, the side voltage and power of flexible control. EPT applied to the power system will improve the power quality; improve system stability, to achieve a flexible transmission and power market power flow under real-time control.

Scope of the Report:

This report focuses on the Solid State Transformers (SST) 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.

The market for solid state transformers is forecasted to be commercialized by end of 2017 or beginning of 2018 according to our investigation.

The market of solid state transformers is expected to be driven by the adoption of solid state transformers and demand for alternative power generation, traction locomotives, and power distribution in addition to the electrical vehicle charging stations.

Currently, Europe and North America are the most active regions in the research and development of solid state transformers, leading by several traditional transformer vendors such as ABB, GE, Siemens and others.

The European market is expected to account for the largest market share, followed by North America and the Asia-Pacific.

The growth of the European market is expected to fuel by increasing installed capacity of renewable energy sources such as solar and wind energy. Europe is a prominent market for electric vehicle and the growth of electric vehicle charging stations further offers a huge growth opportunity for the solid state transformer market in this region.

The worldwide market for Solid State Transformers (SST) is expected to grow at a CAGR of roughly 21.3% over the next five years, will reach 200 million US\$ in 2023, from 77 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ABB

Siemens

General Electric

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

Single-stage

Two-stage

Three-stage

Market Segment by Applications, can be divided into

Alternative Power Generation

Smart Grid

Traction Locomotives

EV Charging

Others

There are 15 Chapters to deeply display the global Solid State Transformers (SST) market.

Chapter 1, to describe Solid State Transformers (SST) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Solid State Transformers (SST), with sales, revenue, and price of Solid State Transformers (SST), 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 Solid State Transformers (SST), 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, Solid State Transformers (SST) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Solid State Transformers (SST) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Solid State Transformers (SST) Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Single-stage
 - 1.2.2 Two-stage
 - 1.2.3 Three-stage
- 1.3 Market Analysis by Applications
 - 1.3.1 Alternative Power Generation
 - 1.3.2 Smart Grid
 - 1.3.3 Traction Locomotives
 - 1.3.4 EV Charging
 - 1.3.5 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 Solid State Transformers (SST) Product Introduction

2.1.2.1 Solid State Transformers (SST) Production Bases, Sales Regions and Major Competitors

2.1.2.2 Solid State Transformers (SST) Product Information

2.1.3 ABB Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 ABB Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global ABB Solid State Transformers (SST) Market Share in 2017

2.2 Siemens

2.2.1 Business Overview

2.2.1.1 Siemens Description

2.2.1.2 Siemens Headquarter, Main Business and Finance Overview

2.2.2 Siemens Solid State Transformers (SST) Product Introduction

2.2.2.1 Solid State Transformers (SST) Production Bases, Sales Regions and Major Competitors

2.2.2.2 Solid State Transformers (SST) Product Information

2.2.3 Siemens Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Siemens Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Siemens Solid State Transformers (SST) Market Share in 2017

2.3 General Electric

2.3.1 Business Overview

2.3.1.1 General Electric Description

2.3.1.2 General Electric Headquarter, Main Business and Finance Overview

2.3.2 General Electric Solid State Transformers (SST) Product Introduction

2.3.2.1 Solid State Transformers (SST) Production Bases, Sales Regions and Major Competitors

2.3.2.2 Solid State Transformers (SST) Product Information

2.3.3 General Electric Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 General Electric Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global General Electric Solid State Transformers (SST) Market Share in 2017

3 GLOBAL SOLID STATE TRANSFORMERS (SST) MARKET COMPETITION, BY MANUFACTURER

3.1 Global Solid State Transformers (SST) Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Solid State Transformers (SST) Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Solid State Transformers (SST) Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Solid State Transformers (SST) Manufacturer Market Share in 2017

3.4.2 Top 5 Solid State Transformers (SST) Manufacturer Market Share in 2017

3.5 Market Competition Trend

4 GLOBAL SOLID STATE TRANSFORMERS (SST) MARKET ANALYSIS BY REGIONS

4.1 Global Solid State Transformers (SST) Sales, Revenue and Market Share by Regions

4.1.1 Global Solid State Transformers (SST) Sales by Regions (2013-2018)

4.1.2 Global Solid State Transformers (SST) Revenue by Regions (2013-2018)

4.2 North America Solid State Transformers (SST) Sales, Revenue and Growth Rate (2013-2018)

4.3 Europe Solid State Transformers (SST) Sales, Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Solid State Transformers (SST) Sales, Revenue and Growth Rate (2013-2018)

4.5 South America Solid State Transformers (SST) Sales, Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Solid State Transformers (SST) Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA SOLID STATE TRANSFORMERS (SST) BY COUNTRIES,

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Solid State Transformers (...)

TYPE, APPLICATION AND MANUFACTURERS

5.1 North America Solid State Transformers (SST) Sales, Revenue and Market Share by Countries

5.1.1 North America Solid State Transformers (SST) Sales by Countries (2013-2018)

5.1.2 North America Solid State Transformers (SST) Revenue by Countries (2013-2018)

5.1.3 United States Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

5.1.4 Canada Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

5.1.5 Mexico Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

5.2 North America Solid State Transformers (SST) Sales and Revenue (Value) by Manufacturers (2016-2017)

5.2.1 North America Solid State Transformers (SST) Sales by Manufacturers (2016-2017)

5.2.2 North America Solid State Transformers (SST) Revenue by Manufacturers (2016-2017)

5.3 North America Solid State Transformers (SST) Sales, Revenue and Market Share by Type (2013-2018)

5.3.1 North America Solid State Transformers (SST) Sales and Sales Share by Type (2013-2018)

5.3.2 North America Solid State Transformers (SST) Revenue and Revenue Share by Type (2013-2018)

5.4 North America Solid State Transformers (SST) Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America Solid State Transformers (SST) Sales and Sales Share by Application (2013-2018)

5.4.2 North America Solid State Transformers (SST) Revenue and Revenue Share by Application (2013-2018)

6 EUROPE SOLID STATE TRANSFORMERS (SST) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe Solid State Transformers (SST) Sales, Revenue and Market Share by Countries

6.1.1 Europe Solid State Transformers (SST) Sales by Countries (2013-2018)

6.1.2 Europe Solid State Transformers (SST) Revenue by Countries (2013-2018)

6.1.3 Germany Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

6.1.4 UK Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

- 6.1.5 France Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
- 6.1.6 Russia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
- 6.1.7 Italy Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
- 6.2 Europe Solid State Transformers (SST) Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Solid State Transformers (SST) Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Solid State Transformers (SST) Revenue by Manufacturers (2016-2017)
- 6.3 Europe Solid State Transformers (SST) Sales, Revenue and Market Share by Type (2013-2018)
 - 6.3.1 Europe Solid State Transformers (SST) Sales and Sales Share by Type (2013-2018)
 - 6.3.2 Europe Solid State Transformers (SST) Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Solid State Transformers (SST) Sales, Revenue and Market Share by Application (2013-2018)
 - 6.4.1 Europe Solid State Transformers (SST) Sales and Sales Share by Application (2013-2018)
 - 6.4.2 Europe Solid State Transformers (SST) Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC SOLID STATE TRANSFORMERS (SST) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 7.1 Asia-Pacific Solid State Transformers (SST) Sales, Revenue and Market Share by Countries
 - 7.1.1 Asia-Pacific Solid State Transformers (SST) Sales by Countries (2013-2018)
 - 7.1.2 Asia-Pacific Solid State Transformers (SST) Revenue by Countries (2013-2018)
 - 7.1.3 China Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
 - 7.1.4 Japan Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
 - 7.1.5 Korea Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
 - 7.1.6 India Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
 - 7.1.7 Southeast Asia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
- 7.2 Asia-Pacific Solid State Transformers (SST) Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 7.2.1 Asia-Pacific Solid State Transformers (SST) Sales by Manufacturers (2016-2017)
 - 7.2.2 Asia-Pacific Solid State Transformers (SST) Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Solid State Transformers (SST) Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Solid State Transformers (SST) Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Solid State Transformers (SST) Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Solid State Transformers (SST) Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Solid State Transformers (SST) Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Solid State Transformers (SST) Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA SOLID STATE TRANSFORMERS (SST) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Solid State Transformers (SST) Sales, Revenue and Market Share by Countries

8.1.1 South America Solid State Transformers (SST) Sales by Countries (2013-2018)

8.1.2 South America Solid State Transformers (SST) Revenue by Countries (2013-2018)

8.1.3 Brazil Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

8.1.4 Argentina Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

8.1.5 Colombia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

8.2 South America Solid State Transformers (SST) Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Solid State Transformers (SST) Sales by Manufacturers (2016-2017)

8.2.2 South America Solid State Transformers (SST) Revenue by Manufacturers (2016-2017)

8.3 South America Solid State Transformers (SST) Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Solid State Transformers (SST) Sales and Sales Share by Type (2013-2018)

8.3.2 South America Solid State Transformers (SST) Revenue and Revenue Share by Type (2013-2018)

8.4 South America Solid State Transformers (SST) Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Solid State Transformers (SST) Sales and Sales Share by

Application (2013-2018)

8.4.2 South America Solid State Transformers (SST) Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA SOLID STATE TRANSFORMERS (SST) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Solid State Transformers (SST) Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Solid State Transformers (SST) Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Solid State Transformers (SST) Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

9.1.4 UAE Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

9.1.5 Egypt Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

9.1.6 Nigeria Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

9.1.7 South Africa Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa Solid State Transformers (SST) Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa Solid State Transformers (SST) Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Solid State Transformers (SST) Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Solid State Transformers (SST) Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa Solid State Transformers (SST) Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Solid State Transformers (SST) Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa Solid State Transformers (SST) Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa Solid State Transformers (SST) Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Solid State Transformers (SST) Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL SOLID STATE TRANSFORMERS (SST) MARKET SEGMENT BY TYPE

10.1 Global Solid State Transformers (SST) Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Solid State Transformers (SST) Sales and Market Share by Type (2013-2018)

10.1.2 Global Solid State Transformers (SST) Revenue and Market Share by Type (2013-2018)

10.2 Single-stage Sales Growth and Price

10.2.1 Global Single-stage Sales Growth (2013-2018)

10.2.2 Global Single-stage Price (2013-2018)

10.3 Two-stage Sales Growth and Price

10.3.1 Global Two-stage Sales Growth (2013-2018)

10.3.2 Global Two-stage Price (2013-2018)

10.4 Three-stage Sales Growth and Price

10.4.1 Global Three-stage Sales Growth (2013-2018)

10.4.2 Global Three-stage Price (2013-2018)

11 GLOBAL SOLID STATE TRANSFORMERS (SST) MARKET SEGMENT BY APPLICATION

11.1 Global Solid State Transformers (SST) Sales Market Share by Application (2013-2018)

11.2 Alternative Power Generation Sales Growth (2013-2018)

11.3 Smart Grid Sales Growth (2013-2018)

11.4 Traction Locomotives Sales Growth (2013-2018)

11.5 EV Charging Sales Growth (2013-2018)

11.6 Others Sales Growth (2013-2018)

12 SOLID STATE TRANSFORMERS (SST) MARKET FORECAST (2018-2023)

12.1 Global Solid State Transformers (SST) Sales, Revenue and Growth Rate (2018-2023)

12.2 Solid State Transformers (SST) Market Forecast by Regions (2018-2023)

12.2.1 North America Solid State Transformers (SST) Market Forecast (2018-2023)

12.2.2 Europe Solid State Transformers (SST) Market Forecast (2018-2023)

12.2.3 Asia-Pacific Solid State Transformers (SST) Market Forecast (2018-2023)

12.2.4 South America Solid State Transformers (SST) Market Forecast (2018-2023)

12.2.5 Middle East and Africa Solid State Transformers (SST) Market Forecast

(2018-2023)

12.3 Solid State Transformers (SST) Market Forecast by Type (2018-2023)

12.3.1 Global Solid State Transformers (SST) Sales Forecast by Type (2018-2023)

12.3.2 Global Solid State Transformers (SST) Market Share Forecast by Type

(2018-2023)

12.4 Solid State Transformers (SST) Market Forecast by Application (2018-2023)

12.4.1 Global Solid State Transformers (SST) Sales Forecast by Application

(2018-2023)

12.4.2 Global Solid State Transformers (SST) 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 Solid State Transformers (SST) Picture

Table Product Specifications of Solid State Transformers (SST)

Figure Global Solid State Transformers (SST) CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Solid State Transformers (SST) CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Solid State Transformers (SST) by Types in 2017

Figure Single-stage Picture

Table Major Manufacturers of Single-stage

Figure Two-stage Picture

Table Major Manufacturers of Two-stage

Figure Three-stage Picture

Table Major Manufacturers of Three-stage

Figure Solid State Transformers (SST) Sales Market Share by Applications in 2017

Figure Alternative Power Generation Picture

Figure Smart Grid Picture

Figure Traction Locomotives Picture

Figure EV Charging Picture

Figure Others Picture

Figure United States Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure France Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure UK Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure China Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure India Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Solid State Transformers (SST) Revenue (Value) and Growth Rate (2013-2023)

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

Table ABB Solid State Transformers (SST) Production Bases, Sales Regions and Major Competitors

Table ABB Solid State Transformers (SST) Product

Table ABB Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global ABB Solid State Transformers (SST) Sales Market Share in 2017

Figure Global ABB Solid State Transformers (SST) Revenue Market Share in 2017

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

Table Siemens Solid State Transformers (SST) Production Bases, Sales Regions and Major Competitors

Table Siemens Solid State Transformers (SST) Product

Table Siemens Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Siemens Solid State Transformers (SST) Sales Market Share in 2017

Figure Global Siemens Solid State Transformers (SST) Revenue Market Share in 2017

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

Table General Electric Solid State Transformers (SST) Production Bases, Sales

Regions and Major Competitors

Table General Electric Solid State Transformers (SST) Product

Table General Electric Solid State Transformers (SST) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global General Electric Solid State Transformers (SST) Sales Market Share in 2017

Figure Global General Electric Solid State Transformers (SST) Revenue Market Share in 2017

Table Global Solid State Transformers (SST) Sales by Manufacturer (2016-2017)

Figure Global Solid State Transformers (SST) Sales Market Share by Manufacturer in 2016

Figure Global Solid State Transformers (SST) Sales Market Share by Manufacturer in 2017

Table Global Solid State Transformers (SST) Revenue by Manufacturer (2016-2017)

Figure Global Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2016

Figure Global Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2017

Table Global Solid State Transformers (SST) Price by Manufacturer (2016-2017)

Figure Top 3 Solid State Transformers (SST) Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Solid State Transformers (SST) Manufacturer (Revenue) Market Share in 2017

Figure Global Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Global Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Table Global Solid State Transformers (SST) Sales by Regions (2013-2018)

Table Global Solid State Transformers (SST) Sales Market Share by Regions (2013-2018)

Table Global Solid State Transformers (SST) Revenue by Regions (2013-2018)

Figure Global Solid State Transformers (SST) Revenue Market Share by Regions in 2013

Figure Global Solid State Transformers (SST) Revenue Market Share by Regions in 2017

Figure North America Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure North America Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Figure Europe Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Europe Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Figure South America Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure South America Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Figure North America Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Table North America Solid State Transformers (SST) Sales by Countries (2013-2018)

Table North America Solid State Transformers (SST) Sales Market Share by Countries (2013-2018)

Figure North America Solid State Transformers (SST) Sales Market Share by Countries in 2013

Figure North America Solid State Transformers (SST) Sales Market Share by Countries in 2017

Table North America Solid State Transformers (SST) Revenue by Countries (2013-2018)

Table North America Solid State Transformers (SST) Revenue Market Share by Countries (2013-2018)

Figure North America Solid State Transformers (SST) Revenue Market Share by Countries in 2013

Figure North America Solid State Transformers (SST) Revenue Market Share by Countries in 2017

Figure United States Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Canada Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Mexico Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Table North America Solid State Transformers (SST) Sales by Manufacturer (2016-2017)

Figure North America Solid State Transformers (SST) Sales Market Share by Manufacturer in 2016

Figure North America Solid State Transformers (SST) Sales Market Share by Manufacturer in 2017

Table North America Solid State Transformers (SST) Revenue by Manufacturer

(2016-2017)

Figure North America Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2016

Figure North America Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2017

Table North America Solid State Transformers (SST) Sales by Type (2013-2018)

Table North America Solid State Transformers (SST) Sales Share by Type (2013-2018)

Table North America Solid State Transformers (SST) Revenue by Type (2013-2018)

Table North America Solid State Transformers (SST) Revenue Share by Type (2013-2018)

Table North America Solid State Transformers (SST) Sales by Application (2013-2018)

Table North America Solid State Transformers (SST) Sales Share by Application (2013-2018)

Table North America Solid State Transformers (SST) Revenue by Application (2013-2018)

Table North America Solid State Transformers (SST) Revenue Share by Application (2013-2018)

Figure Europe Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Table Europe Solid State Transformers (SST) Sales by Countries (2013-2018)

Table Europe Solid State Transformers (SST) Sales Market Share by Countries (2013-2018)

Table Europe Solid State Transformers (SST) Revenue by Countries (2013-2018)

Figure Europe Solid State Transformers (SST) Revenue Market Share by Countries in 2016

Figure Europe Solid State Transformers (SST) Revenue Market Share by Countries in 2017

Figure Germany Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure UK Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure France Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Russia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Italy Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Table Europe Solid State Transformers (SST) Sales by Manufacturer (2016-2017)

Figure Europe Solid State Transformers (SST) Sales Market Share by Manufacturer in 2016

Figure Europe Solid State Transformers (SST) Sales Market Share by Manufacturer in 2017

Table Europe Solid State Transformers (SST) Revenue by Manufacturer (2016-2017)

Figure Europe Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2016

Figure Europe Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2017

Table Europe Solid State Transformers (SST) Sales by Type (2013-2018)

Table Europe Solid State Transformers (SST) Sales Share by Type (2013-2018)

Table Europe Solid State Transformers (SST) Revenue by Type (2013-2018)

Table Europe Solid State Transformers (SST) Revenue Share by Type (2013-2018)

Table Europe Solid State Transformers (SST) Sales by Application (2013-2018)

Table Europe Solid State Transformers (SST) Sales Share by Application (2013-2018)

Table Europe Solid State Transformers (SST) Revenue by Application (2013-2018)

Table Europe Solid State Transformers (SST) Revenue Share by Application (2013-2018)

Figure Asia-Pacific Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Solid State Transformers (SST) Sales by Countries (2013-2018)

Table Asia-Pacific Solid State Transformers (SST) Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific Solid State Transformers (SST) Sales Market Share by Countries 2017

Table Asia-Pacific Solid State Transformers (SST) Revenue by Countries (2013-2018)

Figure Asia-Pacific Solid State Transformers (SST) Revenue Market Share by Countries 2017

Figure China Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Japan Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Korea Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure India Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Southeast Asia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Table Asia-Pacific Solid State Transformers (SST) Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Solid State Transformers (SST) Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Solid State Transformers (SST) Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Solid State Transformers (SST) Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Solid State Transformers (SST) Sales by Type (2013-2018)

Table Asia-Pacific Solid State Transformers (SST) Sales Share by Type (2013-2018)
Table Asia-Pacific Solid State Transformers (SST) Revenue by Type (2013-2018)
Table Asia-Pacific Solid State Transformers (SST) Revenue Share by Type (2013-2018)
Table Asia-Pacific Solid State Transformers (SST) Sales by Application (2013-2018)
Table Asia-Pacific Solid State Transformers (SST) Sales Share by Application (2013-2018)
Table Asia-Pacific Solid State Transformers (SST) Revenue by Application (2013-2018)
Table Asia-Pacific Solid State Transformers (SST) Revenue Share by Application (2013-2018)
Figure South America Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)
Table South America Solid State Transformers (SST) Sales by Countries (2013-2018)
Table South America Solid State Transformers (SST) Sales Market Share by Countries (2013-2018)
Figure South America Solid State Transformers (SST) Sales Market Share by Countries in 2017
Table South America Solid State Transformers (SST) Revenue by Countries (2013-2018)
Table South America Solid State Transformers (SST) Revenue Market Share by Countries (2013-2018)
Figure South America Solid State Transformers (SST) Revenue Market Share by Countries in 2017
Figure Brazil Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
Figure Argentina Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
Figure Colombia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)
Table South America Solid State Transformers (SST) Sales by Manufacturer (2016-2017)
Figure South America Solid State Transformers (SST) Sales Market Share by Manufacturer in 2016
Figure South America Solid State Transformers (SST) Sales Market Share by Manufacturer in 2017
Table South America Solid State Transformers (SST) Revenue by Manufacturer (2016-2017)
Figure South America Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2016
Figure South America Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2017
Table South America Solid State Transformers (SST) Sales by Type (2013-2018)

Table South America Solid State Transformers (SST) Sales Share by Type (2013-2018)

Table South America Solid State Transformers (SST) Revenue by Type (2013-2018)

Table South America Solid State Transformers (SST) Revenue Share by Type (2013-2018)

Table South America Solid State Transformers (SST) Sales by Application (2013-2018)

Table South America Solid State Transformers (SST) Sales Share by Application (2013-2018)

Table South America Solid State Transformers (SST) Revenue by Application (2013-2018)

Table South America Solid State Transformers (SST) Revenue Share by Application (2013-2018)

Figure Middle East and Africa Solid State Transformers (SST) Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Sales by Countries (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Solid State Transformers (SST) Sales Market Share by Countries in 2017

Table Middle East and Africa Solid State Transformers (SST) Revenue by Countries (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Solid State Transformers (SST) Revenue Market Share by Countries in 2013

Figure Middle East and Africa Solid State Transformers (SST) Revenue Market Share by Countries in 2017

Figure Saudi Arabia Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure UAE Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Egypt Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure Nigeria Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Figure South Africa Solid State Transformers (SST) Sales and Growth Rate (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Solid State Transformers (SST) Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Solid State Transformers (SST) Sales Market Share by

Manufacturer in 2017

Table Middle East and Africa Solid State Transformers (SST) Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Solid State Transformers (SST) Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Solid State Transformers (SST) Sales by Type (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Sales Share by Type (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Revenue by Type (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Revenue Share by Type (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Sales by Application (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Sales Share by Application (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Revenue by Application (2013-2018)

Table Middle East and Africa Solid State Transformers (SST) Revenue Share by Application (2013-2018)

Table Global Solid State Transformers (SST) Sales by Type (2013-2018)

Table Global Solid State Transformers (SST) Sales Share by Type (2013-2018)

Table Global Solid State Transformers (SST) Revenue by Type (2013-2018)

Table Global Solid State Transformers (SST) Revenue Share by Type (2013-2018)

Figure Global Single-stage Sales Growth (2013-2018)

Figure Global Single-stage Price (2013-2018)

Figure Global Two-stage Sales Growth (2013-2018)

Figure Global Two-stage Price (2013-2018)

Figure Global Three-stage Sales Growth (2013-2018)

Figure Global Three-stage Price (2013-2018)

Table Global Solid State Transformers (SST) Sales by Application (2013-2018)

Table Global Solid State Transformers (SST) Sales Share by Application (2013-2018)

Figure Global Alternative Power Generation Sales Growth (2013-2018)

Figure Global Smart Grid Sales Growth (2013-2018)

Figure Global Traction Locomotives Sales Growth (2013-2018)

Figure Global EV Charging Sales Growth (2013-2018)

Figure Global Others Sales Growth (2013-2018)

Figure Global Solid State Transformers (SST) Sales, Revenue and Growth Rate (2018-2023)

Table Global Solid State Transformers (SST) Sales Forecast by Regions (2018-2023)

Table Global Solid State Transformers (SST) Market Share Forecast by Regions (2018-2023)

Figure North America Sales Solid State Transformers (SST) Market Forecast (2018-2023)

Figure Europe Sales Solid State Transformers (SST) Market Forecast (2018-2023)

Figure Asia-Pacific Sales Solid State Transformers (SST) Market Forecast (2018-2023)

Figure South America Sales Solid State Transformers (SST) Market Forecast (2018-2023)

Figure Middle East and Africa Sales Solid State Transformers (SST) Market Forecast (2018-2023)

Table Global Solid State Transformers (SST) Sales Forecast by Type (2018-2023)

Table Global Solid State Transformers (SST) Market Share Forecast by Type (2018-2023)

Table Global Solid State Transformers (SST) Sales Forecast by Application (2018-2023)

Table Global Solid State Transformers (SST) Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List

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