

Global Solid State Transformers (SST) Market Professional Survey Report 2018

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Abstracts

This report studies the global Solid State Transformers (SST) market status and forecast, categorizes the global Solid State Transformers (SST) market size (value & volume) by manufacturers, type, application, and region. This report focuses on the top manufacturers in North America, Europe, Japan, China, India, Southeast Asia and other regions (Central & South America, and Middle East & Africa).

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.

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 global Solid State Transformers (SST) market is valued at 77 million US\$ in 2017 and will reach 330 million US\$ by the end of 2025, growing at a CAGR of 23.0% during 2018-2025.

The major manufacturers covered in this report

ABB

Siemens

General Electric

Geographically, this report studies the top producers and consumers, focuses on product capacity, production, value, consumption, market share and growth opportunity in these key regions, covering

North America

Europe

China

Japan

India

Southeast Asia

Other regions (Central & South America, Middle East & Africa)

We can also provide the customized separate regional or country-level reports, for the following regions:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

South Korea

Australia

Indonesia

Singapore

Rest of Asia-Pacific

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

Central & South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Saudi Arabia

Turkey

Rest of Middle East & Africa

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Single-stage

Two-stage

Three-stage

By Application, the market can be split into

Alternative Power Generation

Smart Grid

Traction Locomotives

EV Charging

Others

The study objectives of this report are:

To analyze and study the global Solid State Transformers (SST) capacity, production, value, consumption, status (2013-2017) and forecast (2018-2025);

Focuses on the key Solid State Transformers (SST) manufacturers, to study the capacity, production, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market.

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Solid State Transformers (SST) are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Key Stakeholders

Solid State Transformers (SST) Manufacturers

Solid State Transformers (SST) Distributors/Traders/Wholesalers

Solid State Transformers (SST) Subcomponent Manufacturers

Industry Association

Downstream Vendors

Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Solid State Transformers (SST) market, by end-use.

Detailed analysis and profiles of additional market players.

Contents

Global Solid State Transformers (SST) Market Professional Survey Report 2018

1 INDUSTRY OVERVIEW OF SOLID STATE TRANSFORMERS (SST)

1.1 Definition and Specifications of Solid State Transformers (SST)

1.1.1 Definition of Solid State Transformers (SST)

1.1.2 Specifications of Solid State Transformers (SST)

1.2 Classification of Solid State Transformers (SST)

1.2.1 Single-stage

1.2.2 Two-stage

1.2.3 Three-stage

1.3 Applications of Solid State Transformers (SST)

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 Segment by Regions

1.4.1 North America

1.4.2 Europe

1.4.3 China

1.4.4 Japan

1.4.5 Southeast Asia

1.4.6 India

2 MANUFACTURING COST STRUCTURE ANALYSIS OF SOLID STATE TRANSFORMERS (SST)

2.1 Raw Material and Suppliers

2.2 Manufacturing Cost Structure Analysis of Solid State Transformers (SST)

2.3 Manufacturing Process Analysis of Solid State Transformers (SST)

2.4 Industry Chain Structure of Solid State Transformers (SST)

3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF SOLID STATE TRANSFORMERS (SST)

3.1 Capacity and Commercial Production Date of Global Solid State Transformers

(SST) Major Manufacturers in 2017

3.2 Manufacturing Plants Distribution of Global Solid State Transformers (SST) Major Manufacturers in 2017

3.3 R&D Status and Technology Source of Global Solid State Transformers (SST) Major Manufacturers in 2017

3.4 Raw Materials Sources Analysis of Global Solid State Transformers (SST) Major Manufacturers in 2017

4 GLOBAL SOLID STATE TRANSFORMERS (SST) OVERALL MARKET OVERVIEW

4.1 2013-2018E Overall Market Analysis

4.2 Capacity Analysis

4.2.1 2013-2018E Global Solid State Transformers (SST) Capacity and Growth Rate Analysis

4.2.2 2017 Solid State Transformers (SST) Capacity Analysis (Company Segment)

4.3 Sales Analysis

4.3.1 2013-2018E Global Solid State Transformers (SST) Sales and Growth Rate Analysis

4.3.2 2017 Solid State Transformers (SST) Sales Analysis (Company Segment)

4.4 Sales Price Analysis

4.4.1 2013-2018E Global Solid State Transformers (SST) Sales Price

4.4.2 2017 Solid State Transformers (SST) Sales Price Analysis (Company Segment)

5 SOLID STATE TRANSFORMERS (SST) REGIONAL MARKET ANALYSIS

5.1 North America Solid State Transformers (SST) Market Analysis

5.1.1 North America Solid State Transformers (SST) Market Overview

5.1.2 North America 2013-2018E Solid State Transformers (SST) Local Supply, Import, Export, Local Consumption Analysis

5.1.3 North America 2013-2018E Solid State Transformers (SST) Sales Price Analysis

5.1.4 North America 2017 Solid State Transformers (SST) Market Share Analysis

5.2 Europe Solid State Transformers (SST) Market Analysis

5.2.1 Europe Solid State Transformers (SST) Market Overview

5.2.2 Europe 2013-2018E Solid State Transformers (SST) Local Supply, Import, Export, Local Consumption Analysis

5.2.3 Europe 2013-2018E Solid State Transformers (SST) Sales Price Analysis

5.2.4 Europe 2017 Solid State Transformers (SST) Market Share Analysis

5.3 China Solid State Transformers (SST) Market Analysis

5.3.1 China Solid State Transformers (SST) Market Overview

5.3.2 China 2013-2018E Solid State Transformers (SST) Local Supply, Import, Export, Local Consumption Analysis

5.3.3 China 2013-2018E Solid State Transformers (SST) Sales Price Analysis

5.3.4 China 2017 Solid State Transformers (SST) Market Share Analysis

5.4 Japan Solid State Transformers (SST) Market Analysis

5.4.1 Japan Solid State Transformers (SST) Market Overview

5.4.2 Japan 2013-2018E Solid State Transformers (SST) Local Supply, Import, Export, Local Consumption Analysis

5.4.3 Japan 2013-2018E Solid State Transformers (SST) Sales Price Analysis

5.4.4 Japan 2017 Solid State Transformers (SST) Market Share Analysis

5.5 Southeast Asia Solid State Transformers (SST) Market Analysis

5.5.1 Southeast Asia Solid State Transformers (SST) Market Overview

5.5.2 Southeast Asia 2013-2018E Solid State Transformers (SST) Local Supply, Import, Export, Local Consumption Analysis

5.5.3 Southeast Asia 2013-2018E Solid State Transformers (SST) Sales Price Analysis

5.5.4 Southeast Asia 2017 Solid State Transformers (SST) Market Share Analysis

5.6 India Solid State Transformers (SST) Market Analysis

5.6.1 India Solid State Transformers (SST) Market Overview

5.6.2 India 2013-2018E Solid State Transformers (SST) Local Supply, Import, Export, Local Consumption Analysis

5.6.3 India 2013-2018E Solid State Transformers (SST) Sales Price Analysis

5.6.4 India 2017 Solid State Transformers (SST) Market Share Analysis

6 GLOBAL 2013-2018E SOLID STATE TRANSFORMERS (SST) SEGMENT MARKET ANALYSIS (BY TYPE)

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

6.2 Different Types of Solid State Transformers (SST) Product Interview Price Analysis

6.3 Different Types of Solid State Transformers (SST) Product Driving Factors Analysis

6.3.1 Single-stage Growth Driving Factor Analysis

6.3.2 Two-stage Growth Driving Factor Analysis

6.3.3 Three-stage Growth Driving Factor Analysis

7 GLOBAL 2013-2018E SOLID STATE TRANSFORMERS (SST) SEGMENT MARKET ANALYSIS (BY APPLICATION)

7.1 Global 2013-2018E Solid State Transformers (SST) Consumption by Application

7.2 Different Application of Solid State Transformers (SST) Product Interview Price

Analysis

7.3 Different Application of Solid State Transformers (SST) Product Driving Factors

Analysis

7.3.1 Alternative Power Generation of Solid State Transformers (SST) Growth Driving Factor Analysis

7.3.2 Smart Grid of Solid State Transformers (SST) Growth Driving Factor Analysis

7.3.3 Traction Locomotives of Solid State Transformers (SST) Growth Driving Factor Analysis

7.3.4 EV Charging of Solid State Transformers (SST) Growth Driving Factor Analysis

7.3.5 Others of Solid State Transformers (SST) Growth Driving Factor Analysis

8 MAJOR MANUFACTURERS ANALYSIS OF SOLID STATE TRANSFORMERS (SST)

8.1 ABB

8.1.1 Company Profile

8.1.2 Product Picture and Specifications

8.1.2.1 Product A

8.1.2.2 Product B

8.1.3 ABB 2017 Solid State Transformers (SST) Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.1.4 ABB 2017 Solid State Transformers (SST) Business Region Distribution Analysis

8.2 Siemens

8.2.1 Company Profile

8.2.2 Product Picture and Specifications

8.2.2.1 Product A

8.2.2.2 Product B

8.2.3 Siemens 2017 Solid State Transformers (SST) Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.2.4 Siemens 2017 Solid State Transformers (SST) Business Region Distribution Analysis

8.3 General Electric

8.3.1 Company Profile

8.3.2 Product Picture and Specifications

8.3.2.1 Product A

8.3.2.2 Product B

8.3.3 General Electric 2017 Solid State Transformers (SST) Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.3.4 General Electric 2017 Solid State Transformers (SST) Business Region

Distribution Analysis

9 DEVELOPMENT TREND OF ANALYSIS OF SOLID STATE TRANSFORMERS (SST) MARKET

9.1 Global Solid State Transformers (SST) Market Trend Analysis

9.1.1 Global 2018-2025 Solid State Transformers (SST) Market Size (Volume and Value) Forecast

9.1.2 Global 2018-2025 Solid State Transformers (SST) Sales Price Forecast

9.2 Solid State Transformers (SST) Regional Market Trend

9.2.1 North America 2018-2025 Solid State Transformers (SST) Consumption Forecast

9.2.2 Europe 2018-2025 Solid State Transformers (SST) Consumption Forecast

9.2.3 China 2018-2025 Solid State Transformers (SST) Consumption Forecast

9.2.4 Japan 2018-2025 Solid State Transformers (SST) Consumption Forecast

9.2.5 Southeast Asia 2018-2025 Solid State Transformers (SST) Consumption Forecast

9.2.6 India 2018-2025 Solid State Transformers (SST) Consumption Forecast

9.3 Solid State Transformers (SST) Market Trend (Product Type)

9.4 Solid State Transformers (SST) Market Trend (Application)

10 SOLID STATE TRANSFORMERS (SST) MARKETING TYPE ANALYSIS

10.1 Solid State Transformers (SST) Regional Marketing Type Analysis

10.2 Solid State Transformers (SST) International Trade Type Analysis

10.3 Traders or Distributors with Contact Information of Solid State Transformers (SST) by Region

10.4 Solid State Transformers (SST) Supply Chain Analysis

11 CONSUMERS ANALYSIS OF SOLID STATE TRANSFORMERS (SST)

11.1 Consumer 1 Analysis

11.2 Consumer 2 Analysis

11.3 Consumer 3 Analysis

11.4 Consumer 4 Analysis

12 CONCLUSION OF THE GLOBAL SOLID STATE TRANSFORMERS (SST) MARKET PROFESSIONAL SURVEY REPORT 2017

Methodology

Analyst Introduction

Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Solid State Transformers (SST)

Table Product Specifications of Solid State Transformers (SST)

Table Classification of Solid State Transformers (SST)

Figure Global Production Market Share of Solid State Transformers (SST) by Type 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

Table Applications of Solid State Transformers (SST)

Figure Global Consumption Volume Market Share of Solid State Transformers (SST) by Application in 2017

Figure Alternative Power Generation Examples

Table Major Consumers in Alternative Power Generation

Figure Smart Grid Examples

Table Major Consumers in Smart Grid

Figure Traction Locomotives Examples

Table Major Consumers in Traction Locomotives

Figure EV Charging Examples

Table Major Consumers in EV Charging

Figure Others Examples

Table Major Consumers in Others

Figure Market Share of Solid State Transformers (SST) by Regions

Figure North America Solid State Transformers (SST) Market Size (Million USD) (2013-2025)

Figure Europe Solid State Transformers (SST) Market Size (Million USD) (2013-2025)

Figure China Solid State Transformers (SST) Market Size (Million USD) (2013-2025)

Figure Japan Solid State Transformers (SST) Market Size (Million USD) (2013-2025)

Figure Southeast Asia Solid State Transformers (SST) Market Size (Million USD) (2013-2025)

Figure India Solid State Transformers (SST) Market Size (Million USD) (2013-2025)

Table Solid State Transformers (SST) Raw Material and Suppliers

Table Manufacturing Cost Structure Analysis of Solid State Transformers (SST) in 2017

Figure Manufacturing Process Analysis of Solid State Transformers (SST)
Figure Industry Chain Structure of Solid State Transformers (SST)
Table Capacity and Commercial Production Date of Global Solid State Transformers (SST) Major Manufacturers in 2017
Table Manufacturing Plants Distribution of Global Solid State Transformers (SST) Major Manufacturers in 2017
Table R&D Status and Technology Source of Global Solid State Transformers (SST) Major Manufacturers in 2017
Table Raw Materials Sources Analysis of Global Solid State Transformers (SST) Major Manufacturers in 2017
Table Global Capacity, Sales, Price, Cost, Sales Revenue (M USD) and Gross Margin of Solid State Transformers (SST) 2013-2018E
Figure Global 2013-2018E Solid State Transformers (SST) Market Size (Volume) and Growth Rate
Figure Global 2013-2018E Solid State Transformers (SST) Market Size (Value) and Growth Rate
Table 2013-2018E Global Solid State Transformers (SST) Capacity and Growth Rate
Table 2017 Global Solid State Transformers (SST) Capacity (K Units) List (Company Segment)
Table 2013-2018E Global Solid State Transformers (SST) Sales (K Units) and Growth Rate
Table 2017 Global Solid State Transformers (SST) Sales (K Units) List (Company Segment)
Table 2013-2018E Global Solid State Transformers (SST) Sales Price (USD/Unit)
Table 2017 Global Solid State Transformers (SST) Sales Price (USD/Unit) List (Company Segment)
Figure North America Capacity Overview
Table North America Supply, Import, Export and Consumption (K Units) of Solid State Transformers (SST) 2013-2018E
Figure North America 2013-2018E Solid State Transformers (SST) Sales Price (USD/Unit)
Figure North America 2017 Solid State Transformers (SST) Sales Market Share
Figure Europe Capacity Overview
Table Europe Supply, Import, Export and Consumption (K Units) of Solid State Transformers (SST) 2013-2018E
Figure Europe 2013-2018E Solid State Transformers (SST) Sales Price (USD/Unit)
Figure Europe 2017 Solid State Transformers (SST) Sales Market Share
Figure China Capacity Overview
Table China Supply, Import, Export and Consumption (K Units) of Solid State

Transformers (SST) 2013-2018E

Figure China 2013-2018E Solid State Transformers (SST) Sales Price (USD/Unit)

Figure China 2017 Solid State Transformers (SST) Sales Market Share

Figure Japan Capacity Overview

Table Japan Supply, Import, Export and Consumption (K Units) of Solid State Transformers (SST) 2013-2018E

Figure Japan 2013-2018E Solid State Transformers (SST) Sales Price (USD/Unit)

Figure Japan 2017 Solid State Transformers (SST) Sales Market Share

Figure Southeast Asia Capacity Overview

Table Southeast Asia Supply, Import, Export and Consumption (K Units) of Solid State Transformers (SST) 2013-2018E

Figure Southeast Asia 2013-2018E Solid State Transformers (SST) Sales Price (USD/Unit)

Figure Southeast Asia 2017 Solid State Transformers (SST) Sales Market Share

Figure India Capacity Overview

Table India Supply, Import, Export and Consumption (K Units) of Solid State Transformers (SST) 2013-2018E

Figure India 2013-2018E Solid State Transformers (SST) Sales Price (USD/Unit)

Figure India 2017 Solid State Transformers (SST) Sales Market Share

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

Table Different Types Solid State Transformers (SST) Product Interview Price

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

Table Different Application Solid State Transformers (SST) Product Interview Price

Table ABB Information List

Table Product Overview

Table 2017 ABB Solid State Transformers (SST) Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)

Figure 2017 ABB Solid State Transformers (SST) Business Region Distribution

Table Siemens Information List

Table Product Overview

Table 2017 Siemens Solid State Transformers (SST) Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)

Figure 2017 Siemens Solid State Transformers (SST) Business Region Distribution

Table General Electric Information List

Table Product Overview

Table 2017 General Electric Solid State Transformers (SST) Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)

Figure 2017 General Electric Solid State Transformers (SST) Business Region

Distribution

Figure Global 2018-2025 Solid State Transformers (SST) Market Size (K Units) and Growth Rate Forecast

Figure Global 2018-2025 Solid State Transformers (SST) Market Size (Million USD) and Growth Rate Forecast

Figure Global 2018-2025 Solid State Transformers (SST) Sales Price (USD/Unit) Forecast

Figure North America 2018-2025 Solid State Transformers (SST) Consumption Volume (K Units) and Growth Rate Forecast

Figure China 2018-2025 Solid State Transformers (SST) Consumption Volume (K Units) and Growth Rate Forecast

Figure Europe 2018-2025 Solid State Transformers (SST) Consumption Volume (K Units) and Growth Rate Forecast

Figure Southeast Asia 2018-2025 Solid State Transformers (SST) Consumption Volume (K Units) and Growth Rate Forecast

Figure Japan 2018-2025 Solid State Transformers (SST) Consumption Volume (K Units) and Growth Rate Forecast

Figure India 2018-2025 Solid State Transformers (SST) Consumption Volume (K Units) and Growth Rate Forecast

Table Global Sales Volume (K Units) of Solid State Transformers (SST) by Type 2018-2025

Table Global Consumption Volume (K Units) of Solid State Transformers (SST) by Application 2018-2025

Table Traders or Distributors with Contact Information of Solid State Transformers (SST) by Region

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