

Solid State (Smart) Transformer Market by Product (Power, traction, & Distribution), Application (Alternative power generation, Electric vehicle charging stations, & others), & Geography (North America, Europe, Asia-Pacific, & RoW) - Forecast to 2020

<https://marketpublishers.com/r/S5BB4E717CCEN.html>

Date: July 2015

Pages: 143

Price: US\$ 5,650.00 (Single User License)

ID: S5BB4E717CCEN

Abstracts

A solid state transformer is a multistage device which typically comprises input stage, high-frequency transformer, and output stage. The output stage can be configured as per the need and varieties of loads; therefore, it provides the output in either form of current (AC and DC). This feature eliminates the need of additional AC to DC converter and thus reduces the cost of the system. Though the cost of a solid state transformer is higher than their rational counterpart, it is expected that the deployment of a solid state transformer in an electricity distribution network would increase the overall system efficiency by 8%–10%. Many companies and research institutions have invested in development and testing of solid state transformers for various applications. For example, in 2011, ABB Ltd. (Switzerland) has a solid state transformer for the traction locomotives application, named as power electronics traction transformer (PETT). However, it is expected that a solid state transformer would be commercialized by 2017.

KEY TAKE-AWAYS

Analysis of the solid state (smart) transformer market which has been segmented based on product, application, component, and geography.

The analysis of the market dynamics based on factors such as key drivers, restraints, opportunities, and challenges that influence the growth of the market

along with, the value chain analysis of the market.

Detailed competitive landscape of the key players with an in-depth market share analysis, along with their growth strategies.

The Porter's Five Forces framework has been applied for the analysis of the solid state transformer market. Illustrative analysis, segmentation, and forecast of the market in the major geographies have been done to provide an overall view of the market.

Detailed profiles of the key companies present in the solid state transformer market, along with their growth strategies.

The global market for solid state (smart) transformer is expected to grow at a CAGR of 24.72% from 2017 to 2020. Europe is expected to continue to lead the market and is the hub for several transformer manufacturing and energy management companies which are anticipated to venture in this market. Moreover, the solid state transformer market in the North American and Asia-Pacific regions is also expected to gain a significant traction during the forecast period. The growth of renewable energy installation capacity and increasing installation of electric vehicle charging points, especially in the U.S. Japan, and China, is expected to accelerate the solid state transformer market in the said regions.

This solid state transformer market report includes the detailed analysis of market dynamics, Porter's Five Forces model, value chain, competitive landscape, and market scenario for the forecast period. The market has been segmented and forecast based on product, application, and geography. The report profiles the key players in the solid state transformer market with their respective market share analysis. The prominent players profiled in this report include ABB Ltd. (Switzerland), General Electric Co. (U.S.), Alstom SA (France), Mitsubishi Electric Corporation (Japan), Siemens AG (Germany), Schneider Electric SE (France), Cooper Power Systems (Brazil), Varentec, Inc., (U.S.) Amantys Limited (U.K.), and GridBridge (U.S.).

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 GEOGRAPHIC SCOPE
 - 1.3.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS
 - 2.4.1 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE GLOBAL SOLID STATE (SMART) TRANSFORMER MARKET
- 4.2 SOLID STATE (SMART) TRANSFORMER MARKET: TOP THREE APPLICATIONS
- 4.3 GLOBAL SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY AND PRODUCT

- 4.4 SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY, 2017
- 4.5 SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCT (2020)
- 4.6 SOLID STATE (SMART) TRANSFORMER MARKET, ASIA-PACIFIC VS EUROPE

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 EVOLUTION

5.3 MARKET SEGMENTATION

5.3.1 BY PRODUCTS

5.3.2 BY COMPONENTS

5.3.3 BY APPLICATIONS

5.3.4 BY GEOGRAPHY

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 Increasing emphasis on alternative energy production across the globe

5.4.1.2 Huge investments in the smart grids and energy systems

5.4.2 RESTRAINTS

5.4.2.1 High initial cost incurred in the installation of solid state transformers

5.4.3 OPPORTUNITIES

5.4.3.1 Growth of the electric vehicle (EV) market and the allied infrastructure

5.4.4 CHALLENGES

5.4.4.1 Trade-off between efficiency, reliability, and ultra-high voltage application of solid state transformers

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 PORTER'S FIVE FORCES MODEL

6.3.1 THREAT OF NEW ENTRANTS

6.3.2 THREAT OF SUBSTITUTES

6.3.3 BARGAINING POWER OF SUPPLIERS

6.3.4 BARGAINING POWER OF BUYERS

6.3.5 DEGREE OF COMPETITION

6.4 INDUSTRY LIFECYCLE

7 SOLID STATE (SMART) TRANSFORMER MARKET, BY COMPONENTS

7.1 INTRODUCTION

7.2 CONVERTERS

7.2.1 AC TO DC CONVERTERS

7.2.2 DC TO AC CONVERTERS

7.2.3 DC TO DC CONVERTERS

7.2.4 AC TO AC CONVERTERS

7.3 SWITCHES

7.3.1 SIC POWER MOSFETS

7.3.2 POWER DIODES

7.3.3 INSULATED-GATE BIPOLAR TRANSISTORS (IGBTs)

7.3.4 SIC POWER THYRISTORS

7.4 HIGH-FREQUENCY TRANSFORMERS

7.5 OTHERS

7.5.1 HIGH-VOLTAGE INDUCTORS

7.5.2 HIGH-VOLTAGE INDUCTORS

7.5.3 HIGH-VOLTAGE RESISTORS

8 SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCTS

8.1 INTRODUCTION

8.2 DISTRIBUTION SOLID STATE (SMART) TRANSFORMER

8.3 TRACTION SOLID STATE (SMART) TRANSFORMER

8.4 POWER SOLID STATE (SMART) TRANSFORMER

9 SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATIONS

9.1 INTRODUCTION

9.2 TRACTION LOCOMOTIVES

9.3 POWER (DISTRIBUTION) GRID

9.4 ELECTRIC VEHICLE (EV) CHARGING STATIONS

9.5 ALTERNATIVE POWER GENERATION

9.5.1 WIND POWER

9.5.2 SOLAR POWER

9.5.3 TIDAL POWER

9.6 OTHERS

10 SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY

10.1 INTRODUCTION

- 10.2 NORTH AMERICA
- 10.3 EUROPE
- 10.4 ASIA-PACIFIC (APAC)
- 10.5 REST OF THE WORLD (ROW)

11 COMPETITIVE LANDSCAPE

- 11.1 OVERVIEW
- 11.2 SOLID STATE (SMART) TRANSFORMER MARKET SHARE ANALYSIS

12 COMPANY PROFILES

(Overview, Products and Services, Financials, Strategy & Development)*

- 12.1 INTRODUCTION
- 12.2 ABB LTD.
- 12.3 SCHNEIDER ELECTRIC SE
- 12.4 SEIMENS AG
- 12.5 MITSUBISHI ELECTRIC CORPORATION
- 12.6 GENERAL ELECTRIC CO.
- 12.7 ALSTOM SA
- 12.8 COOPER POWER SYSTEMS
- 12.9 VARENTEC, INC.
- 12.10 AMANTYS LIMITED
- 12.11 GRIDBRIDGE, INC.

*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

13 APPENDIX

- 13.1 INSIGHTS OF INDUSTRY EXPERTS
- 13.2 DISCUSSION GUIDE
- 13.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 13.4 AVAILABLE CUSTOMIZATIONS
- 13.5 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 GLOBAL INSTALLED WIND ENERGY CAPACITY (GIGA WATT)

Table 2 KEY SMART GRID INVESTMENT INITIATIVES

Table 3 IMPACT ANALYSIS OF DRIVERS

Table 4 IMPACT ANALYSIS OF RESTRAINTS

Table 5 IMPACT ANALYSIS OF OPPORTUNITIES

Table 6 IMPACT ANALYSIS OF CHALLENGES

Table 7 SOLID STATE (SMART) TRANSFORMER VS TRADITIONAL TRANSFORMER

Table 8 GLOBAL DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY, 2017-2020 (\$MILLION)

Table 9 GLOBAL DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 10 NORTH AMERICAN DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 11 NORTH AMERICAN DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 12 EUROPEAN DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 13 EUROPEAN DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 14 APAC DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 15 APAC DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 16 ROW DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY REGION, 2017-2020 (\$MILLION)

Table 17 SOUTH AMERICAN DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 18 ROW DISTRIBUTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 19 GLOBAL TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY, 2017-2020 (\$MILLION)

Table 20 GLOBAL TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 21 NORTH AMERICAN TRACTION SOLID STATE (SMART) TRANSFORMER

MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 22 NORTH AMERICAN TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 23 EUROPEAN TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 24 EUROPEAN TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 25 APAC TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 26 APAC TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 27 ROW TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY REGION, 2017-2020 (\$THOUSAND)

Table 28 SOUTH AMERICAN TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$THOUSAND)

Table 29 ROW TRACTION SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$THOUSAND)

Table 30 GLOBAL POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY, 2019-2020 (\$MILLION)

Table 31 GLOBAL POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2019-2020 (\$THOUSAND)

Table 32 NORTH AMERICAN POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2019-2020 (\$THOUSAND)

Table 33 NORTH AMERICAN POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2019-2020 (\$THOUSAND)

Table 34 EUROPEAN POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2019-2020 (\$THOUSAND)

Table 35 EUROPEAN POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2019-2020 (\$THOUSAND)

Table 36 APAC POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2019-2020 (\$THOUSAND)

Table 37 APAC POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2019-2020 (\$THOUSAND)

Table 38 ROW POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY REGION, 2019-2020 (\$THOUSAND)

Table 39 SOUTH AMERICA POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2019-2020 (\$THOUSAND)

Table 40 ROW POWER SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2019-2020 (\$THOUSAND)

Table 41 SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATIONS, 2017–2020 (\$MILLION)

Table 42 CUMALATIVE INSTALLED SOLAR PV CAPACITY IN MAJOR MARKETS (IN GIGA WATT), 2014

Table 43 GLOBAL SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY, 2017-2020 (\$MILLION)

Table 44 NORTH AMERICAN SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 45 NORTH AMERICAN SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 46 NORTH AMERICAN SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCT, 2017-2020 (\$MILLION)

Table 47 THE U.S. SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 48 CANADIAN SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 49 MEXICAN SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 50 EUROPEAN SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 51 EUROPEAN SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 52 EUROPEAN SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCT, 2017-2020 (\$MILLION)

Table 53 THE U.K. SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 54 GERMANY SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 55 FRENCH SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 56 REST OF THE EUROPE SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 57 APAC SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 58 APAC SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 59 APAC SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCT, 2017-2020 (\$MILLION)

Table 60 CHINESE SOLID STATE (SMART) TRANSFORMER MARKET, BY

APPLICATION, 2017-2020 (\$MILLION)

Table 61 JAPANESE SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 62 REST OF APAC SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 63 ROW SOLID STATE (SMART) TRANSFORMER MARKET, BY REGION, 2017-2020 (\$MILLION)

Table 64 ROW SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 65 ROW SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCT, 2017-2020 (\$MILLION)

Table 66 SOUTH AMERICAN SOLID STATE (SMART) TRANSFORMER MARKET, BY COUNTRY, 2017-2020 (\$MILLION)

Table 67 SOUTH AMERICAN SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 68 THE MIDDLE EASTERN AND AFRICAN SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION, 2017-2020 (\$MILLION)

Table 69 GENERAL ELECTRIC COMPANY: RECENT DEVELOPMENTS

Table 70 ALSTOM SA: RECENT DEVELOPMENTS

Table 71 COOPER POWER SYSTEMS: PRODUCTS OFFERED

Table 72 VARENTEC, INC.: PRODUCTS OFFERED

Table 73 VARENTEC, INC.: RECENT DEVELOPMENTS

Table 74 AMANTYS LIMITED: PRODUCTS OFFERED

Table 75 AMANTYS LIMITED: RECENT DEVELOPMENTS

List Of Figures

LIST OF FIGURES

Figure 1 MARKETS COVERED

Figure 2 SOLID STATE TRANSFORMER MARKET, BY GEOGRAPHY

Figure 3 RESEARCH DESIGN

Figure 4 SOLID STATE (SMART) TRANSFORMER MARKET SIZE ESTIMATION
METHODOLOGY: BOTTOM-UP APPROACH

Figure 5 SOLID STATE (SMART) TRANSFORMER MARKET SIZE ESTIMATION
METHODOLOGY: TOP-DOWN APPROACH

Figure 6 MARKET BREAKDOWN & DATA TRIANGULATION

Figure 7 ASSUMPTIONS OF THE RESEARCH STUDY

Figure 8 GLOBAL SOLID STATE (SMART) TRANSFORMER MARKET SNAPSHOT
(2017 VS. 2020): THE ALTERNATIVE POWER GENERATION SEGMENT IS
EXPECTED TO GROW AT THE HIGHEST RATE

Figure 9 DISTRIBUTION SOLID STATE (SMART) TRANSFORMER IS EXPECTED TO
COMMAND THE LARGEST MARKET SHARE IN 2017

Figure 10 EUROPEAN SOLID STATE (SMART) TRANSFORMER MARKET, BY
COUNTRY, 2017

Figure 11 EUROPE IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING
THE FORECAST PERIOD

Figure 12 SOLID STATE TRANSFORMER MARKET IS EXPECTED TO GROW AT A
CAGR OF 24.72% FROM 2017 TO 2020

Figure 13 THE APPLICATION OF SOLID STATE (SMART) TRANSFORMER IN
ALTERNATIVE POWER GENERATION IS EXPECTED TO GROW AT THE HIGHEST
RATE FROM 2017 TO 2020

Figure 14 EUROPE IS EXPECTED TO HOLD THE LARGEST MARKET SHARE OF
THE GLOBAL SOLID STATE (SMART) TRANSFORMER MARKET IN 2017

Figure 15 THE U.S. IS EXPECTED TO HOLD THE LARGEST SHARE OF THE
GLOBAL SOLID STATE (SMART) TRANSFORMER MARKET

Figure 16 TRACTION SOLID STATE (SMART) TRANSFORMERS ARE EXPECTED
TO HOLD THE LARGEST MARKET SHARE IN EUROPE BY 2020

Figure 17 EUROPEAN MARKETS ARE EXPECTED TO GROW FASTER THAN THEIR
COUNTERPARTS IN ASIA-PACIFIC DURING THE FORECAST PERIOD

Figure 18 SOLID STATE (SMART) TRANSFORMER MARKET EVOLUTION

Figure 19 SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCTS

Figure 20 SOLID STATE (SMART) TRANSFORMER MARKET, BY COMPONENTS

Figure 21 SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATIONS

- Figure 22 SOLID STATE (SMART) TRANSFORMER MARKET, BY GEOGRAPHY
- Figure 23 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES FOR THE SOLID STATE (SMART) TRANSFORMER MARKET
- Figure 24 GLOBAL ALTERNATIVE ENERGY PRODUCTION OUTLOOK (IN TERA WATT HOURS), 2010-2020
- Figure 25 SOLID STATE (SMART) TRANSFORMER MARKET: VALUE CHAIN ANALYSIS
- Figure 26 PORTER'S FIVE FORCES ANALYSIS
- Figure 27 THE PORTER'S FIVE FORCES ANALYSIS FOR THE SOLID STATE (SMART) TRANSFORMER MARKET
- Figure 28 SOLID STATE (SMART) TRANSFORMER MARKET: THREAT OF NEW ENTRANTS
- Figure 29 SOLID STATE (SMART) TRANSFORMER MARKET: THREAT OF SUBSTITUTES
- Figure 30 SOLID STATE (SMART) TRANSFORMER MARKET: BARGAINING POWER OF SUPPLIERS
- Figure 31 SOLID STATE (SMART) TRANSFORMER MARKET: BARGAINING POWER OF BUYERS
- Figure 32 SOLID STATE (SMART) TRANSFORMER MARKET: DEGREE OF COMPETITION
- Figure 33 SOLID STATE (SMART) TRANSFORMER MARKET: INDUSTRY LIFE CYCLE
- Figure 34 SOLID STATE (SMART) TRANSFORMER MARKET, BY COMPONENT
- Figure 35 CLASSIFICATION OF CONVERTERS
- Figure 36 SOLID STATE (SMART) TRANSFORMER MARKET, BY PRODUCT
- Figure 37 SOLID STATE (SMART) TRANSFORMER MARKET, BY APPLICATION
- Figure 38 GLOBAL SOLID STATE (SMART) TRANSFORMER MARKET GEOGRAPHIC SNAPSHOT (CAGR: 2017-2020)
- Figure 39 NORTH AMERICAN SOLID STATE (SMART) TRANSFORMER MARKET SNAPSHOT
- Figure 40 EUROPEAN SOLID STATE (SMART) TRANSFORMER MARKET SNAPSHOT
- Figure 41 ASIA-PACIFIC SOLID STATE (SMART) TRANSFORMER MARKET SNAPSHOT
- Figure 42 ROW SOLID STATE (SMART) TRANSFORMER MARKET SNAPSHOT
- Figure 43 MARKET SHARE ANALYSIS, 2017
- Figure 44 KEY PLAYERS - GEOGRAPHIC ANALYSIS
- Figure 45 ABB LTD.: BUSINESS OVERVIEW
- Figure 46 ABB LTD.: SWOT ANALYSIS

Figure 47 SCHNEIDER ELECTRIC SE: BUSINESS OVERVIEW

Figure 48 SCHNEIDER ELECTRIC SE: SWOT ANALYSIS

Figure 49 SIEMENS AG: BUSINESS OVERVIEW

Figure 50 SIEMENS AG: SWOT ANALYSIS

Figure 51 MITSUBISHI ELECTRIC CORPORATION: BUSINESS OVERVIEW

Figure 52 MITSUBISHI ELECTRIC CORPORATION: SWOT ANALYSIS

Figure 53 GENERAL ELECTRIC COMPANY: BUSINESS OVERVIEW

Figure 54 GENERAL ELECTRIC COMPANY: SWOT ANALYSIS

Figure 55 ALSTOM SA: BUSINESS OVERVIEW

Figure 56 ALSTOM SA: SWOT ANALYSIS

I would like to order

Product name: Solid State (Smart) Transformer Market by Product (Power, traction, & Distribution), Application (Alternative power generation, Electric vehicle charging stations, & others), & Geography (North America, Europe, Asia-Pacific, & RoW) - Forecast to 2020

Product link: <https://marketpublishers.com/r/S5BB4E717CCEN.html>

Price: US\$ 5,650.00 (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/S5BB4E717CCEN.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