

ASIA PACIFIC SMART TRANSFORMERS MARKET FORECAST 2017-2025

https://marketpublishers.com/r/AFA7986288FEN.html

Date: November 2017

Pages: 0

Price: US\$ 1,250.00 (Single User License)

ID: AFA7986288FEN

Abstracts

KEY FINDINGS

The Asia Pacific smart transformers market was valued at \$498 million in 2016 and is expected to reach \$1269 million by 2025 growing at a CAGR of 11.02% during the forecast period of 2017-2025. Increasing urbanization and the subsequent increase in electricity demand are majorly responsible for driving the Asian market.

MARKET INSIGHTS

The smart transformers market is segmented on the basis of type, application, and component. The various types of smart transformers include distribution transformer, instrument transformer, power transformer and specialty transformer. The market finds its application in electric vehicle charging station, power (distribution) grids, traction locomotives, and alternative power generation. The smart distribution components are divided into the converter, switch, and other components.

COMPETITIVE INSIGHTS

Some of the major market players are Bharat Heavy Electricals Limited, Mitsubishi Electric Corporation Alstom, Cooper Industries, Gridco Systems Inc, Grid Bridge, Inc., Maschinenfabrik Reinhausen Gmbh, and Siemens.



Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM UP APPROACH
- 2.4. DATA TRIANGULATION

3. EXECUTIVE SUMMARY

4. MARKET OVERVIEW

- 4.1. SMART TRANSFORMER MARKET: EVOLUTION & TRANSITION
- 4.2. MARKET DEFINITION & SCOPE
- 4.3. INDUSTRY STRUCTURE
- 4.4. REGULATORY FRAMEWORK
- 4.5. MARKET DYNAMICS
- 4.5.1. DRIVERS
 - 4.5.1.1. RISE IN INDUSTRIAL GROWTH
 - 4.5.1.2. AGING INFRASTRUCTURE LEADING TO INVESTMENT IN SMART GRIDS
 - 4.5.1.3. HIGHER CONSUMPTIONS PATTERN IN HIGH GROWTH REGIONS
 - 4.5.1.4. RISING PRODUCTION OF ELECTRICITY
 - 4.5.1.5. COMPLIANCE WITH REGULATORY STANDARDS
 - 4.5.1.6. GREEN ENERGY DEMAND ON THE RISE
- 4.5.2. RESTRAINTS
 - 4.5.2.1. INFRASTRUCTURE COST
 - 4.5.2.2. FLUCTUATION IN RAW MATERIAL PRICES
- 4.5.3. OPPORTUNITIES
- 4.5.3.1. RISE IN SALES OF HYBRID AND ELECTRIC VEHICLE
- 4.5.3.2. NEED FOR RELIABLE ERROR FREE NETWORK
- 4.5.3.3. INCREASING POWER SECTOR REFORMS IN DEVELOPING REGIONS



4.5.4. CHALLENGE

4.5.4.1. LARGE INITIAL INVESTMENTS

5. MARKET SEGMENTATION

- 5.1. BY TYPE
 - 5.1.1. DISTRIBUTION TRANSFORMER
 - 5.1.2. INSTRUMENT TRANSFORMER
 - 5.1.3. POWER TRANSFORMER
 - 5.1.4. SPECIALTY TRANSFORMER
- 5.2. BY COMPONENT
 - 5.2.1. CONVERTER
 - 5.2.2. SWITCH
 - 5.2.3. OTHER COMPONENTS
- 5.3. BY APPLICATION
 - 5.3.1. ELECTRIC VEHICLE CHARGING STATION
 - 5.3.2. POWER (DISTRIBUTION) GRID
 - 5.3.3. TRACTION LOCOMOTIVES
 - 5.3.4. ALTERNATIVE POWER GENERATION
 - **5.3.4.1. SOLAR POWER**
 - 5.3.4.2. WIND POWER
 - 5.3.4.3. OTHERS

6. KEY ANALYTICS

- 6.1. PORTERS 5 FORCE
 - 6.1.1. THREAT OF NEW ENTRANTS
 - 6.1.2. THREAT OF SUBSTITUTE PRODUCTS
 - 6.1.3. BARGAINING POWER OF BUYERS
 - 6.1.4. BARGAINING POWER OF SUPPLIERS
 - 6.1.5. INTENSITY OF COMPETITIVE RIVALRY
- 6.2. KEY BUYING CRITERIA
- 6.3. KEY OPPORTUNITY
- 6.4. KEY STRATEGY
- 6.5. IMPORTANT GROWING MARKETS
 - 6.5.1. ALTERNATIVE POWER GENERATION
 - 6.5.2. DISTRIBUTION TRANSFORMER
 - 6.5.3. OTHER COMPONENTS
 - 6.5.4. ASIA PACIFIC



6.5.5. CHINA

6.6. INVESTMENT ANALYSIS

7. GEOGRAPHICAL ANALYSIS

- 7.1. ASIA PACIFIC
 - 7.1.1. CHINA
 - 7.1.2. INDIA
 - 7.1.3. JAPAN
 - 7.1.4. AUSTRALIA
 - 7.1.5. REST OF ASIA PACIFIC

8. COMPETITIVE ANALYSIS

- 8.1. KEY STRATEGIES & ANALYSIS
- 8.2. MARKET SHARE ANALYSIS
- 8.3. STRATEGIC INVESTMENT OPPORTUNITIES
 - 8.3.1. REGIONAL OPPORTUNITIES
 - 8.3.2. APPLICATIONS OPPORTUNITIES
 - 8.3.3. DISTRIBUTION TRANSFORMERS FASTEST GROWING OPPORTUNITY
- 8.4. TOP COMPANIES ANALYSIS

9. COMPANY PROFILES

- 9.1. ABB LTD.
- 9.2. ALSTOM SA
- 9.3. AMANTYS LIMITED
- 9.4. BHARAT HEAVY ELECTRICALS LIMITED
- 9.5. COOPER INDUSTRY
- 9.6. CROMPTON GREAVES LTD.
- 9.7. EATON CORPORATION PLC
- 9.8. GENERAL ELECTRIC CO.
- 9.9. GRID BRIDGE, INC.
- 9.10. GRIDCO SYSTEMS INC
- 9.11. HOWARD INDUSTRIES, INC.
- 9.12. INFINEON TECHNOLOGIES AG
- 9.13. MASCHINENFABRIK REINHAUSEN GMBH
- 9.14. MITSUBISHI ELECTRIC CORPORATION
- 9.15. SCHNEIDER ELECTRIC SE



- 9.16. SEIMENS AG
- 9.17. SPX CORPORATION
- 9.18. TESLA TRANSFORMERS LTD.
- 9.19. VARENTEC, INC.
- 9.20. WILSON POWER SOLUTIONS



List Of Tables

LIST OF TABLES

Table 1 ASIA PACIFIC SMART TRANSFORMER MARKET BY REGION 2017-2025 (\$ MILLION)

Table 2 FLUCTUATIONS IN THE COPPER PRICES

Table 3 ASIA PACIFIC SMART TRANSFORMER MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 4 ASIA PACIFIC SMART TRANSFORMER MARKET BY COMPONENT 2017-2025 (\$ MILLION)

Table 5 ASIA PACIFIC SMART TRANSFORMER MARKET BY APPLICATION 2017-2025(\$ MILLION)

Table 6 ASIA PACIFIC ALTERNATIVE POWER GENERATION MARKET BY SUB SEGMENTS 2017-2025 (\$ MILLION)

Table 7 ASIA-PACIFIC SMART TRANSFORMERS MARKET BY GEOGRAPHY 2017-2025 (\$ MILLION)

Table 8 KEY PLAYERS IN CHINA

Table 9 KEY PLAYERS IN INDIA

Table 10 KEY PLAYERS IN JAPAN

Table 11 KEY PLAYERS IN AUSTRALIA

Table 12 KEY PLAYERS IN REST OF ASIA PACIFIC

Table 13 KEY STRATEGIC NEWS



List Of Figures

LIST OF FIGURES

Figure 1 DEVELOPMENT TIMELINE OF TRANSFORMERS

Figure 2 PROCESS FLOW CHART OF SMART TRANSFORMER INDUSTRY

Figure 3 SUPPLIERS SELECTION CRITERIA EMPHASIS LAID BY

MANUFACTURERS 2017 & 2025

Figure 4 INDUSTRY GROWTH ACROSS THE WORLD FROM 2012 -2015

Figure 5 ENERGY CONSUMPTIONS BY SECTOR IN 2016

Figure 6 RISING PRODUCTION OF ELECTRICITY IN TRILLION KWH

Figure 7 ASIA PACIFIC DISTRIBUTION TRANSFORMER MARKET 2017-2025 (\$ MILLION)

Figure 8 ASIA PACIFIC INSTRUMENTS TRANSFORMER MARKET 2017-2024 (\$ MILLION)

Figure 9 ASIA PACIFIC POWER TRANSFORMER MARKET 2017-2025 (\$ MILLION) Figure 10 ASIA PACIFIC SPECIALTY TRANSFORMER MARKET 2017-2025 (\$ MILLION)

Figure 11 ASIA PACIFIC SMART TRANSFORMER CONVERTER MARKET 2017-2025 (\$ MILLION)

Figure 12 ASIA PACIFIC SMART TRANSFORMER SWITCHES MARKET 2017-2025 (\$ MILLION)

Figure 13 ASIA PACIFIC SMART TRANSFORMER OTHER COMPONENT MARKET 2017-2025 (\$ MILLION)

Figure 14 ASIA PACIFIC SMART TRANSFORMER IN ELECTRIC VEHICLE (EV) CHARGING STATIONS MARKET 2017-2025 (\$ MILLION)

Figure 15 ASIA PACIFIC SMART TRANSFORMER IN POWER (DISTRIBUTION) GRID MARKET 2017-2025 (\$ MILLION)

Figure 16 ASIA PACIFIC SMART TRANSFORMER IN TRACTION LOCOMOTIVES MARKET 2017-2025 (\$ MILLION)

Figure 17 ASIA PACIFIC ALTERNATIVE POWER GENERATION MARKET 2017-2025 (\$ MILLION)

Figure 18 ASIA PACIFIC SOLAR POWER GENERATION MARKET 2017-2025 (\$ MILLION)

Figure 19 ASIA PACIFIC WIND POWER GENERATION MARKET 2017-2025 (\$ MILLION)

Figure 20 ASIA PACIFIC OTHER ALTERNATIVE POWER GENERATION MARKET 2017-2025 (\$ MILLION)

Figure 21 KEY BUYING CRITERIA FOR SMART TRANSFORMERS, 2016, 2019. &



2023

Figure 22 ASIA PACIFIC SMART TRANSFORMERS MARKET SHARE BY GEOGRAPHY 2016 & 2025 (% SHARE)

Figure 23 CHINA SMART TRANSFORMERS MARKET 2017-2025 (\$ MILLION)

Figure 24 INDIA SMART TRANSFORMERS MARKET 2017-2025 (\$ MILLION)

Figure 25 JAPAN SMART TRANSFORMERS MARKET 2017-2025 (\$ MILLION)

Figure 26 AUSTRALIA SMART TRANSFORMERS MARKET 2017-2025 (\$ MILLION)

Figure 27 REST OF ASIA-PACIFIC SMART TRANSFORMERS MARKET 2017-2025 (\$ MILLION)

Figure 28 MARKET SHARE ANALYSIS OF SMART TRANSFORMERS MARKET (2016)



I would like to order

Product name: ASIA PACIFIC SMART TRANSFORMERS MARKET FORECAST 2017-2025

Product link: https://marketpublishers.com/r/AFA7986288FEN.html

Price: US\$ 1,250.00 (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/AFA7986288FEN.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
	Custumer 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