

# **Asia Pacific Traction Transformer Market by Type (Tap changing, Tapped, Rectifier) by Voltage Range (AC, DC) by Application (High speed train, Electric Locomotive, Electrical multiple unit (EMU), Trams) by Geography – Analysis & Forecasts to 2019**

<https://marketpublishers.com/r/AAE8C18809EEN.html>

Date: April 2015

Pages: 97

Price: US\$ 2,650.00 (Single User License)

ID: AAE8C18809EEN

## **Abstracts**

The Asia-Pacific traction transformer market is estimated to grow at a CAGR of 8.3% from 2-014 to 2019.

In this report, the Asia-Pacific traction transformer market has been broadly classified into types, such as tap changing, tapped, and rectifier. Rectifier transformers are used in industrial applications, such as electrolysis process for aluminum, zinc, copper, or chlorine.

Geographically, Asia-Pacific traction transformer market has commanded a market share of 37.3% in the global traction transformer market. Factors driving its market growth include increasing demand of PETF, and growing adoption of traction transformers in applications, such as rail electrification owing to the liberalization of rail transport in the Asia-Pacific region.

As of 2014, the Asia-Pacific traction transformer market includes top market players, such as ABB Ltd., (Switzerland), Alstom SA (France), and Crompton Greaves. New product launches and partnerships, agreements, collaborations, and joint ventures are considered as the major strategies adopted by these players to achieve growth in the traction transformer market.

Customization Options:

Along with the market data, you can also customize the MMM assessments that are in accordance to your company's specific needs. Customize to get comprehensive industry standard and deep-dive analysis of the following parameters:

### Product Analysis

Usage pattern (in-depth trend analysis) of products (segment-wise)

Product matrix, which gives a detailed comparison of product portfolio of each company mapped at country and sub-segment level

End-user adoption rate analysis of the products (segment-wise and country-wise)

Comprehensive coverage of product approvals, pipeline products, and product recalls

### Data from Manufacturing Firms

Fast turn-around analysis of manufacturing firms' responses to recent market events and trends

Expert opinion about the varied applications of traction transformers

Qualitative inputs on macro-economic indicators, mergers & acquisitions in each geography

### Comparative Analysis

Market data and key developments of top companies

### Shipment/Volume Data

Tracking the value of components shipped annually in each geography

## Trend analysis of Application

Application matrix, which gives a detailed comparison of application portfolio of each company, mapped in each geography

## Contents

### **1 INTRODUCTION**

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET SEGMENTATION & COVERAGE
- 1.3 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 MARKET INTEGRATED ECOSYSTEM OF ASIA-PACIFIC TRACTION TRANSFORMER MARKET
- 2.2 ARRIVING AT THE TRACTION TRANSFORMER MARKET SIZE
  - 2.2.1 TOP-DOWN APPROACH
  - 2.2.2 BOTTOM-UP APPROACH
  - 2.2.3 DEMAND SIDE APPROACH
  - 2.2.4 MACROINDICATOR-BASED APPROACH
- 2.3 ASSUMPTIONS

### **3 EXECUTIVE SUMMARY**

### **4 MARKET OVERVIEW**

- 4.1 INTRODUCTION
- 4.2 TRACTION TRANSFORMER MARKET: COMPARISON WITH PARENT MARKET
- 4.3 MARKET DRIVERS AND INHIBITORS
- 4.4 KEY MARKET DYNAMICS
- 4.5 DEMAND SIDE ANALYSIS

### **5 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE**

- 5.1 INTRODUCTION
  - 5.1.1 TAP CHANGING TRANSFORMERS
  - 5.1.2 TAPPED TRANSFORMERS
  - 5.1.3 RECTIFIER TRANSFORMERS
  - 5.1.4 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE (SD '000)
  - 5.1.5 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE (IN NITS)
- 5.2 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: TYPE COMPARISON WITH TRANSFORMERS MARKET

5.3 ASIA-PACIFIC TAP CHANGING TRANSFORMER MARKET, BY GEOGRAPHY

5.4 ASIA-PACIFIC TAPPED TRANSFORMER MARKET, BY GEOGRAPHY

5.5 ASIA-PACIFIC RECTIFIER TRANSFORMER MARKET, BY GEOGRAPHY

## **6 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE**

6.1 INTRODUCTION

6.1.1 AC TRANSFORMER

6.1.2 DC TRANSFORMER

6.1.3 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE (SD '000)

6.1.4 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE (IN NITS)

6.2 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: VOLTAGE RANGE COMPARISON WITH TRANSFORMERS MARKET

6.3 ASIA-PACIFIC AC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY

6.4 ASIA-PACIFIC DC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY

## **7 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION**

7.1 INTRODUCTION

7.2 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION

7.2.1 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION (SD '000)

7.2.2 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION (IN NITS)

7.3 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN HIGH SPEED TRAINS, BY TYPE

7.4 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC LOCOMOTIVE, BY TYPE

7.5 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC MULTIPLE UNIT (EM), BY TYPE

7.6 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN TRAMS, BY TYPE

## **8 TRACTION TRANSFORMER MARKET, BY GEOGRAPHY**

8.1 INTRODUCTION

8.2 JAPAN TRACTION TRANSFORMER MARKET

8.2.1 JAPAN TRACTION TRANSFORMER MARKET, BY TYPE

- 8.2.2 JAPAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE
- 8.3 CHINA TRACTION TRANSFORMER MARKET
  - 8.3.1 CHINA TRACTION TRANSFORMER MARKET, BY TYPE
  - 8.3.2 CHINA TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE
- 8.4 TAIWAN TRACTION TRANSFORMER MARKET
  - 8.4.1 TAIWAN TRACTION TRANSFORMER MARKET, BY TYPE
  - 8.4.2 TAIWAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE

## **9 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: COMPETITIVE LANDSCAPE**

- 9.1 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: COMPANY SHARE ANALYSIS
- 9.2 COMPANY PRESENCE IN TRACTION TRANSFORMER MARKET, BY TYPE AND VOLTAGE RANGE
- 9.3 MERGERS & ACQUISITIONS
- 9.4 NEW PRODUCT DEVELOPMENTS
- 9.5 CONTRACT
- 9.6 OTHER DEVELOPMENTS

## **10 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY COMPANY**

(Overview, Financials, Products & Services, Strategy, and Developments)\*

- 10.1 MITSUBISHI ELECTRIC CORP.
- 10.2 ABB LTD.
- 10.3 ALSTOM
- 10.4 SIEMENS ENERGY INC.
- 10.5 CROMPTON GREAVES

\*Details on overview, financials, product & services, strategy, and developments might not be captured in case of unlisted company

## **11 APPENDIX**

- 11.1 CUSTOMIZATION OPTIONS
  - 11.1.1 PRODUCT PORTFOLIO ANALYSIS
  - 11.1.2 COUNTRY-LEVEL DATA ANALYSIS
  - 11.1.3 PRODUCT COMPARISON OF VARIOUS COMPETITORS

- 11.1.4 TRADE ANALYSIS
- 11.2 RELATED REPORTS
- 11.3 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 11.4 RT SNAPSHOTS
  - 11.4.1 ECOSYSTEM
  - 11.4.2 QANTITATIVE CHART
  - 11.4.3 HEAT MAP, COMPANIES

## List Of Tables

### LIST OF TABLES

Table 1 ASIA-PACIFIC TRACTION TRANSFORMER APPLICATION MARKET, 2014 (SD MN)

Table 2 ASIA PACIFIC R&D EXPENDITRE, 2012–2013 (SD MN)

Table 3 TRACTION TRANSFORMER MARKET: COMPARISON WITH PARENT MARKET, 2013 – 2019 (SD MN)

Table 4 TRACTION TRANSFORMER MARKET: DRIVERS AND INHIBITORS

Table 5 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION, 2013 - 2019 (SD '000)

Table 6 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION, 2013 - 2019 (IN NITS)

Table 7 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE, 2013 - 2019 (SD '000)

Table 8 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE, 2013 - 2019 (INNITS)

Table 9 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (SD '000)

Table 10 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (IN NITS)

Table 11 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: COMPARISON WITH APPLICATION MARKETS, 2013 - 2019 (SD MN)

Table 12 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (SD '000)

Table 13 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (IN NITS)

Table 14 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: TYPE COMPARISON WITH TRANSFORMERS MARKET, 2013–2019 (SD MN)

Table 15 ASIA-PACIFIC TAP CHANGING TRANSFORMER MARKET, BY GEOGRAPHY, 2013–2019 (SD '000)

Table 16 ASIA-PACIFIC TAP CHANGING TRANSFORMER MARKET, BY GEOGRAPHY, 2013–2019 (IN NITS)

Table 17 ASIA-PACIFIC TAPPED TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (SD '000)

Table 18 ASIA-PACIFIC TAPPED TRANSFORMER MARKET, BY GEOGRAPHY, 2013–2019 (IN NITS)

Table 19 ASIA-PACIFIC RECTIFIER TRANSFORMER MARKET, BY GEOGRAPHY,



2013 - 2019 (SD '000)

Table 20 ASIA-PACIFIC RECTIFIER TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (IN NITS)

Table 21 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE (SD '000)

Table 22 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE (IN NITS)

Table 23 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: VOLTAGE RANGE COMPARISON WITH TRANSFORMERS MARKET, 2013–2019 (SD MN)

Table 24 ASIA-PACIFIC AC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013–2019 (SD '000)

Table 25 ASIA-PACIFIC AC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013–2019 (IN NITS)

Table 26 ASIA-PACIFIC DC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (SD '000)

Table 27 ASIA-PACIFIC DC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (IN NITS)

Table 28 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION, 2013–2019 (SD '000)

Table 29 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION, 2013–2019 (IN NITS)

Table 30 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN HIGH SPEED TRAINS APPLICATION, BY TYPE, 2013-2019 (SD '000)

Table 31 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN HIGH SPEED TRAINS APPLICATION, BY TYPE, 2013-2019 (IN NITS)

Table 32 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC LOCOMOTIVE APPLICATION, BY TYPE, 2013-2019 (SD '000)

Table 33 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC LOCOMOTIVE APPLICATION, BY TYPE, 2013-2019 (IN NITS)

Table 34 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC MULTIPLE UNIT (EM) APPLICATION, BY TYPE, 2013-2019 (SD '000)

Table 35 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC MULTIPLE UNIT (EM) APPLICATION, BY TYPE, 2013-2019 (IN NITS)

Table 36 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN TRAMS APPLICATION, BY TYPE, 2013-2019 (SD '000)

Table 37 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN TRAMS APPLICATION, BY TYPE, 2013-2019 (IN NITS)

Table 38 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (SD '000)

- Table 39 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2013-2019 (IN NITS)
- Table 40 JAPAN TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (SD '000)
- Table 41 JAPAN TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (IN NITS)
- Table 42 JAPAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013-2019 (SD '000)
- Table 43 JAPAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013-2019 (IN NITS)
- Table 44 CHINA TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (SD '000)
- Table 45 CHINA TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (IN NITS)
- Table 46 CHINA TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013-2019 (SD '000)
- Table 47 CHINA TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013-2019 (IN NITS)
- Table 48 TAIWAN TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (SD '000)
- Table 49 TAIWAN TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (IN NITS)
- Table 50 TAIWAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013-2019 (SD '000)
- Table 51 TAIWAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013-2019 (IN NITS)
- Table 52 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: COMPANY SHARE ANALYSIS, 2014 (%)
- Table 53 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: MERGERS & ACQUISITIONS
- Table 54 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: NEW PRODUCT DEVELOPMENTS
- Table 55 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: CONTRACT
- Table 56 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: OTHER DEVELOPMENTS
- Table 57 PRODUCT AND SERVICE OFFERINGS
- Table 58 MITSUBISHI ELECTRIC: TOTAL REVENUE, BY GEOGRAPHICAL SEGMENTS, 2010 – 2014 (SD MN)
- Table 59 MITSUBISHI ELECTRIC: TOTAL REVENUE, BY BUSINESS SEGMENT, 2010 –

2014 (SD MN)

Table 60 ABB LTD.: MARKET REVENUE, BY GEOGRAPHICAL SEGMENTS,  
2009-2013 (SD MN)

Table 61 ABB LTD.: ANNUAL REVENUE, BY GEOGRAPHIC REGION SEGMENTS,  
2009–2013 (SD MN)

Table 62 ABB LTD.: EBIT AND NET INCOME, 2009–2013 (SD MN)

Table 63 PRODUCT AND SERVICE OFFERINGS

Table 64 ALSTOM: MARKET REVENUE, BY GEOGRAPHICAL SEGMENTS, 2010-2014  
(SD MN)

Table 65 ALSTOM: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010-2014 (SD  
MN)

Table 66 SIEMENS: ANNUAL REVENUE, BY BUSINESS SEGMENTS, 2009–2013 (SD  
MN)

Table 67 SIEMENS: ANNUAL REVENUE, BY GEOGRAPHICAL SEGMENT, 2009–2012  
(SD MN)

Table 68 SIEMENS: ANNUAL REVENUE, 2009–2013 (SD MN)

Table 69 CROMPTON GREAVES: TOTAL REVENUE, BY GEOGRAPHICAL SEGMENT,  
2010 – 2014 (SD MN)

Table 70 CROMPTON GREAVES: TOTAL REVENUE, BY BUSINESS SEGMENT, 2010 –  
2014 (SD MN)

## **LIST OF FIGURES**

Figure 1 TRACTION TRANSFORMER MARKET SCOPE

Figure 2 INTEGRATED ECOSYSTEM OF TRACTION TRANSFORMERS

Figure 3 RESEARCH METHODOLOGY

Figure 4 TOP-DOWN APPROACH

Figure 5 BOTTOM-UP APPROACH

Figure 6 DEMAND SIDE APPROACH

Figure 7 MACROINDICATOR-BASED APPROACH

Figure 8 ASIA-PACIFIC TRACTION TRANSFORMER MARKET SNAPSHOT

Figure 9 TRACTION TRANSFORMER MARKET: GROWTH ASPECTS

Figure 10 TRACTION TRANSFORMER MARKET: COMPARISON WITH PARENT  
MARKET

Figure 11 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION,  
2014 VS 2019

Figure 12 ASIA-PACIFIC TRACTION TRANSFORMER TECHNOLOGIES, BY  
GEOGRAPHY, 2014 (SD '000)

Figure 13 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: GROWTH

ANALYSIS, BY TYPE, 2014–2019 (%)

Figure 14 DEMAND SIDE ANALYSIS

Figure 15 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (SD '000)

Figure 16 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY TYPE, 2013-2019 (IN NITS)

Figure 17 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: TYPE COMPARISON WITH TRANSFORMERS MARKET, 2013–2019 (SD MN)

Figure 18 ASIA-PACIFIC TAP CHANGING TRANSFORMER MARKET, BY GEOGRAPHY, 2013–2019 (SD '000)

Figure 19 ASIA-PACIFIC TAPPED TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (SD '000)

Figure 20 ASIA-PACIFIC RECTIFIER TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (SD '000)

Figure 21 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE (SD '000)

Figure 22 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE (IN NITS)

Figure 23 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: VOLTAGE RANGE COMPARISON WITH TRANSFORMERS MARKET, 2013–2019 (SD MN)

Figure 24 ASIA-PACIFIC AC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013–2019 (SD '000)

Figure 25 ASIA-PACIFIC DC TRACTION TRANSFORMER MARKET, BY GEOGRAPHY, 2013 - 2019 (SD '000)

Figure 26 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION, 2014-2019 (SD '000)

Figure 27 ASIA-PACIFIC TRACTION TRANSFORMER MARKET, BY APPLICATION, 2014-2019 (IN NITS)

Figure 28 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN HIGH SPEED TRAINS APPLICATION, BY TYPE, 2013-2019 (SD '000)

Figure 29 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC LOCOMOTIVE APPLICATION, BY TYPE, 2013-2019 (SD '000)

Figure 30 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN ELECTRIC MULTIPLE UNIT (EM) APPLICATION, BY TYPE, 2013-2019 (SD '000)

Figure 31 ASIA-PACIFIC TRACTION TRANSFORMER MARKET IN TRAMS APPLICATION, BY TYPE, 2013-2019 (SD '000)

Figure 32 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2013-2019 (SD '000)

Figure 33 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: GROWTH

ANALYSIS, BY GEOGRAPHY, 2013-2019 (IN NITS)

Figure 34 JAPAN TRACTION TRANSFORMER MARKET OVERVIEW, 2014 & 2019

Figure 35 JAPAN TRACTION TRANSFORMER MARKET, BY TYPE, 2013 - 2019 (SD '000)

Figure 36 JAPAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013 - 2019 (SD '000)

Figure 37 CHINA TRACTION TRANSFORMER MARKET OVERVIEW, 2014 & 2019

Figure 38 CHINA TRACTION TRANSFORMER MARKET, BY TYPE, 2013 - 2019 (SD '000)

Figure 39 CHINA TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013 - 2019 (SD '000)

Figure 40 TAIWAN TRACTION TRANSFORMER MARKET OVERVIEW, 2014 & 2019

Figure 41 TAIWAN TRACTION TRANSFORMER MARKET, BY TYPE, 2013 - 2019 (SD '000)

Figure 42 TAIWAN TRACTION TRANSFORMER MARKET, BY VOLTAGE RANGE, 2013 - 2019 (SD '000)

Figure 43 ASIA-PACIFIC TRACTION TRANSFORMER MARKET: COMPANY SHARE ANALYSIS, 2014 (%)

Figure 44 TRACTION TRANSFORMER: COMPANY PRODUCT COVERAGE, BY TYPE, 2014

## I would like to order

Product name: Asia Pacific Traction Transformer Market by Type (Tap changing, Tapped, Rectifier) by Voltage Range (AC, DC) by Application (High speed train, Electric Locomotive, Electrical multiple unit (EMU), Trams) by Geography – Analysis & Forecasts to 2019

Product link: <https://marketpublishers.com/r/AAE8C18809EEN.html>

Price: US\$ 2,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AAE8C18809EEN.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