

# Global Line-Commutated Converters (LCC) Market Growth 2024-2030

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## Abstracts

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Line-Commutated Converters (LCC) are a mature and well-established technology used to convert electric power from alternating current (AC) to direct current (DC) or vice versa. The conversion process relies on a stable line voltage with clear zero-crossings of the AC system to which the converter is connected. This allows for flow commutation from one switching element to another. LCCs are also known as Current Source Converters (CSC) and require connection to a strong grid with sufficient short circuit power to avoid commutation faults.

The global Line-Commutated Converters (LCC) market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Line-Commutated Converters (LCC) Industry Forecast" looks at past sales and reviews total world Line-Commutated Converters (LCC) sales in 2023, providing a comprehensive analysis by region and market sector of projected Line-Commutated Converters (LCC) sales for 2024 through 2030. With Line-Commutated Converters (LCC) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Line-Commutated Converters (LCC) industry.

This Insight Report provides a comprehensive analysis of the global Line-Commutated Converters (LCC) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on

Line-Commutated Converters (LCC) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Line-Commutated Converters (LCC) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Line-Commutated Converters (LCC) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Line-Commutated Converters (LCC).

United States market for Line-Commutated Converters (LCC) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Line-Commutated Converters (LCC) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Line-Commutated Converters (LCC) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Line-Commutated Converters (LCC) players cover GE Grid Solutions, Siemens Energy, ABB, Allgemeine Elektricit?ts-Gesellschaft AG (AEG), Brown, Boveri & Cie (BBC), etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Line-Commutated Converters (LCC) market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

High Voltage Electrical Converter

Low Voltage Electrical Converter

Segmentation by Application:

Industrial Power Grid

Civil Power Grid

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

GE Grid Solutions

Siemens Energy

ABB

Allgemeine Elektricitäts-Gesellschaft AG (AEG)

Brown, Boveri & Cie (BBC)

Hitachi ABB Power Grids

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Line-Commutated Converters (LCC) market?

What factors are driving Line-Commutated Converters (LCC) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Line-Commutated Converters (LCC) market opportunities vary by end market size?

How does Line-Commutated Converters (LCC) break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Line-Commutated Converters (LCC) Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Line-Commutated Converters (LCC) by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Line-Commutated Converters (LCC) by Country/Region, 2019, 2023 & 2030
- 2.2 Line-Commutated Converters (LCC) Segment by Type
  - 2.2.1 High Voltage Electrical Converter
  - 2.2.2 Low Voltage Electrical Converter
- 2.3 Line-Commutated Converters (LCC) Sales by Type
  - 2.3.1 Global Line-Commutated Converters (LCC) Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Line-Commutated Converters (LCC) Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Line-Commutated Converters (LCC) Sale Price by Type (2019-2024)
- 2.4 Line-Commutated Converters (LCC) Segment by Application
  - 2.4.1 Industrial Power Grid
  - 2.4.2 Civil Power Grid
  - 2.4.3 Others
- 2.5 Line-Commutated Converters (LCC) Sales by Application
  - 2.5.1 Global Line-Commutated Converters (LCC) Sale Market Share by Application (2019-2024)
  - 2.5.2 Global Line-Commutated Converters (LCC) Revenue and Market Share by Application (2019-2024)

2.5.3 Global Line-Commutated Converters (LCC) Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global Line-Commutated Converters (LCC) Breakdown Data by Company

3.1.1 Global Line-Commutated Converters (LCC) Annual Sales by Company (2019-2024)

3.1.2 Global Line-Commutated Converters (LCC) Sales Market Share by Company (2019-2024)

3.2 Global Line-Commutated Converters (LCC) Annual Revenue by Company (2019-2024)

3.2.1 Global Line-Commutated Converters (LCC) Revenue by Company (2019-2024)

3.2.2 Global Line-Commutated Converters (LCC) Revenue Market Share by Company (2019-2024)

3.3 Global Line-Commutated Converters (LCC) Sale Price by Company

3.4 Key Manufacturers Line-Commutated Converters (LCC) Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Line-Commutated Converters (LCC) Product Location Distribution

3.4.2 Players Line-Commutated Converters (LCC) Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR LINE-COMMUTATED CONVERTERS (LCC) BY GEOGRAPHIC REGION**

4.1 World Historic Line-Commutated Converters (LCC) Market Size by Geographic Region (2019-2024)

4.1.1 Global Line-Commutated Converters (LCC) Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Line-Commutated Converters (LCC) Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Line-Commutated Converters (LCC) Market Size by Country/Region (2019-2024)

4.2.1 Global Line-Commutated Converters (LCC) Annual Sales by Country/Region

(2019-2024)

4.2.2 Global Line-Commutated Converters (LCC) Annual Revenue by Country/Region

(2019-2024)

4.3 Americas Line-Commutated Converters (LCC) Sales Growth

4.4 APAC Line-Commutated Converters (LCC) Sales Growth

4.5 Europe Line-Commutated Converters (LCC) Sales Growth

4.6 Middle East & Africa Line-Commutated Converters (LCC) Sales Growth

## **5 AMERICAS**

5.1 Americas Line-Commutated Converters (LCC) Sales by Country

5.1.1 Americas Line-Commutated Converters (LCC) Sales by Country (2019-2024)

5.1.2 Americas Line-Commutated Converters (LCC) Revenue by Country (2019-2024)

5.2 Americas Line-Commutated Converters (LCC) Sales by Type (2019-2024)

5.3 Americas Line-Commutated Converters (LCC) Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Line-Commutated Converters (LCC) Sales by Region

6.1.1 APAC Line-Commutated Converters (LCC) Sales by Region (2019-2024)

6.1.2 APAC Line-Commutated Converters (LCC) Revenue by Region (2019-2024)

6.2 APAC Line-Commutated Converters (LCC) Sales by Type (2019-2024)

6.3 APAC Line-Commutated Converters (LCC) Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Line-Commutated Converters (LCC) by Country

7.1.1 Europe Line-Commutated Converters (LCC) Sales by Country (2019-2024)



- 7.1.2 Europe Line-Commutated Converters (LCC) Revenue by Country (2019-2024)
- 7.2 Europe Line-Commutated Converters (LCC) Sales by Type (2019-2024)
- 7.3 Europe Line-Commutated Converters (LCC) Sales by Application (2019-2024)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Line-Commutated Converters (LCC) by Country
  - 8.1.1 Middle East & Africa Line-Commutated Converters (LCC) Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Line-Commutated Converters (LCC) Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Line-Commutated Converters (LCC) Sales by Type (2019-2024)
- 8.3 Middle East & Africa Line-Commutated Converters (LCC) Sales by Application (2019-2024)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Line-Commutated Converters (LCC)
- 10.3 Manufacturing Process Analysis of Line-Commutated Converters (LCC)
- 10.4 Industry Chain Structure of Line-Commutated Converters (LCC)

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 Line-Commutated Converters (LCC) Distributors

### 11.3 Line-Commutated Converters (LCC) Customer

## **12 WORLD FORECAST REVIEW FOR LINE-COMMUTATED CONVERTERS (LCC) BY GEOGRAPHIC REGION**

### 12.1 Global Line-Commutated Converters (LCC) Market Size Forecast by Region

#### 12.1.1 Global Line-Commutated Converters (LCC) Forecast by Region (2025-2030)

#### 12.1.2 Global Line-Commutated Converters (LCC) Annual Revenue Forecast by Region (2025-2030)

### 12.2 Americas Forecast by Country (2025-2030)

### 12.3 APAC Forecast by Region (2025-2030)

### 12.4 Europe Forecast by Country (2025-2030)

### 12.5 Middle East & Africa Forecast by Country (2025-2030)

### 12.6 Global Line-Commutated Converters (LCC) Forecast by Type (2025-2030)

### 12.7 Global Line-Commutated Converters (LCC) Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 GE Grid Solutions

#### 13.1.1 GE Grid Solutions Company Information

#### 13.1.2 GE Grid Solutions Line-Commutated Converters (LCC) Product Portfolios and Specifications

#### 13.1.3 GE Grid Solutions Line-Commutated Converters (LCC) Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.1.4 GE Grid Solutions Main Business Overview

#### 13.1.5 GE Grid Solutions Latest Developments

### 13.2 Siemens Energy

#### 13.2.1 Siemens Energy Company Information

#### 13.2.2 Siemens Energy Line-Commutated Converters (LCC) Product Portfolios and Specifications

#### 13.2.3 Siemens Energy Line-Commutated Converters (LCC) Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.2.4 Siemens Energy Main Business Overview

### 13.2.5 Siemens Energy Latest Developments

## 13.3 ABB

### 13.3.1 ABB Company Information

### 13.3.2 ABB Line-Commutated Converters (LCC) Product Portfolios and Specifications

### 13.3.3 ABB Line-Commutated Converters (LCC) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.3.4 ABB Main Business Overview

### 13.3.5 ABB Latest Developments

## 13.4 Allgemeine Elektricit?ts-Gesellschaft AG (AEG)

### 13.4.1 Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Company Information

### 13.4.2 Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Line-Commutated Converters (LCC) Product Portfolios and Specifications

### 13.4.3 Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Line-Commutated Converters (LCC) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.4.4 Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Main Business Overview

### 13.4.5 Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Latest Developments

## 13.5 Brown, Boveri & Cie (BBC)

### 13.5.1 Brown, Boveri & Cie (BBC) Company Information

### 13.5.2 Brown, Boveri & Cie (BBC) Line-Commutated Converters (LCC) Product Portfolios and Specifications

### 13.5.3 Brown, Boveri & Cie (BBC) Line-Commutated Converters (LCC) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.5.4 Brown, Boveri & Cie (BBC) Main Business Overview

### 13.5.5 Brown, Boveri & Cie (BBC) Latest Developments

## 13.6 Hitachi ABB Power Grids

### 13.6.1 Hitachi ABB Power Grids Company Information

### 13.6.2 Hitachi ABB Power Grids Line-Commutated Converters (LCC) Product Portfolios and Specifications

### 13.6.3 Hitachi ABB Power Grids Line-Commutated Converters (LCC) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.6.4 Hitachi ABB Power Grids Main Business Overview

### 13.6.5 Hitachi ABB Power Grids Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. Line-Commutated Converters (LCC) Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Line-Commutated Converters (LCC) Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of High Voltage Electrical Converter

Table 4. Major Players of Low Voltage Electrical Converter

Table 5. Global Line-Commutated Converters (LCC) Sales by Type (2019-2024) & (K Units)

Table 6. Global Line-Commutated Converters (LCC) Sales Market Share by Type (2019-2024)

Table 7. Global Line-Commutated Converters (LCC) Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Line-Commutated Converters (LCC) Revenue Market Share by Type (2019-2024)

Table 9. Global Line-Commutated Converters (LCC) Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global Line-Commutated Converters (LCC) Sale by Application (2019-2024) & (K Units)

Table 11. Global Line-Commutated Converters (LCC) Sale Market Share by Application (2019-2024)

Table 12. Global Line-Commutated Converters (LCC) Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Line-Commutated Converters (LCC) Revenue Market Share by Application (2019-2024)

Table 14. Global Line-Commutated Converters (LCC) Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Line-Commutated Converters (LCC) Sales by Company (2019-2024) & (K Units)

Table 16. Global Line-Commutated Converters (LCC) Sales Market Share by Company (2019-2024)

Table 17. Global Line-Commutated Converters (LCC) Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Line-Commutated Converters (LCC) Revenue Market Share by Company (2019-2024)

Table 19. Global Line-Commutated Converters (LCC) Sale Price by Company

(2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Line-Commutated Converters (LCC) Producing Area Distribution and Sales Area

Table 21. Players Line-Commutated Converters (LCC) Products Offered

Table 22. Line-Commutated Converters (LCC) Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Line-Commutated Converters (LCC) Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Line-Commutated Converters (LCC) Sales Market Share Geographic Region (2019-2024)

Table 27. Global Line-Commutated Converters (LCC) Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Line-Commutated Converters (LCC) Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Line-Commutated Converters (LCC) Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Line-Commutated Converters (LCC) Sales Market Share by Country/Region (2019-2024)

Table 31. Global Line-Commutated Converters (LCC) Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Line-Commutated Converters (LCC) Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Line-Commutated Converters (LCC) Sales by Country (2019-2024) & (K Units)

Table 34. Americas Line-Commutated Converters (LCC) Sales Market Share by Country (2019-2024)

Table 35. Americas Line-Commutated Converters (LCC) Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Line-Commutated Converters (LCC) Sales by Type (2019-2024) & (K Units)

Table 37. Americas Line-Commutated Converters (LCC) Sales by Application (2019-2024) & (K Units)

Table 38. APAC Line-Commutated Converters (LCC) Sales by Region (2019-2024) & (K Units)

Table 39. APAC Line-Commutated Converters (LCC) Sales Market Share by Region (2019-2024)

Table 40. APAC Line-Commutated Converters (LCC) Revenue by Region (2019-2024)

& (\$ millions)

Table 41. APAC Line-Commutated Converters (LCC) Sales by Type (2019-2024) & (K Units)

Table 42. APAC Line-Commutated Converters (LCC) Sales by Application (2019-2024) & (K Units)

Table 43. Europe Line-Commutated Converters (LCC) Sales by Country (2019-2024) & (K Units)

Table 44. Europe Line-Commutated Converters (LCC) Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe Line-Commutated Converters (LCC) Sales by Type (2019-2024) & (K Units)

Table 46. Europe Line-Commutated Converters (LCC) Sales by Application (2019-2024) & (K Units)

Table 47. Middle East & Africa Line-Commutated Converters (LCC) Sales by Country (2019-2024) & (K Units)

Table 48. Middle East & Africa Line-Commutated Converters (LCC) Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Line-Commutated Converters (LCC) Sales by Type (2019-2024) & (K Units)

Table 50. Middle East & Africa Line-Commutated Converters (LCC) Sales by Application (2019-2024) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Line-Commutated Converters (LCC)

Table 52. Key Market Challenges & Risks of Line-Commutated Converters (LCC)

Table 53. Key Industry Trends of Line-Commutated Converters (LCC)

Table 54. Line-Commutated Converters (LCC) Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Line-Commutated Converters (LCC) Distributors List

Table 57. Line-Commutated Converters (LCC) Customer List

Table 58. Global Line-Commutated Converters (LCC) Sales Forecast by Region (2025-2030) & (K Units)

Table 59. Global Line-Commutated Converters (LCC) Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Line-Commutated Converters (LCC) Sales Forecast by Country (2025-2030) & (K Units)

Table 61. Americas Line-Commutated Converters (LCC) Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Line-Commutated Converters (LCC) Sales Forecast by Region (2025-2030) & (K Units)

Table 63. APAC Line-Commutated Converters (LCC) Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Line-Commutated Converters (LCC) Sales Forecast by Country (2025-2030) & (K Units)

Table 65. Europe Line-Commutated Converters (LCC) Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Line-Commutated Converters (LCC) Sales Forecast by Country (2025-2030) & (K Units)

Table 67. Middle East & Africa Line-Commutated Converters (LCC) Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global Line-Commutated Converters (LCC) Sales Forecast by Type (2025-2030) & (K Units)

Table 69. Global Line-Commutated Converters (LCC) Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global Line-Commutated Converters (LCC) Sales Forecast by Application (2025-2030) & (K Units)

Table 71. Global Line-Commutated Converters (LCC) Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. GE Grid Solutions Basic Information, Line-Commutated Converters (LCC) Manufacturing Base, Sales Area and Its Competitors

Table 73. GE Grid Solutions Line-Commutated Converters (LCC) Product Portfolios and Specifications

Table 74. GE Grid Solutions Line-Commutated Converters (LCC) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 75. GE Grid Solutions Main Business

Table 76. GE Grid Solutions Latest Developments

Table 77. Siemens Energy Basic Information, Line-Commutated Converters (LCC) Manufacturing Base, Sales Area and Its Competitors

Table 78. Siemens Energy Line-Commutated Converters (LCC) Product Portfolios and Specifications

Table 79. Siemens Energy Line-Commutated Converters (LCC) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 80. Siemens Energy Main Business

Table 81. Siemens Energy Latest Developments

Table 82. ABB Basic Information, Line-Commutated Converters (LCC) Manufacturing Base, Sales Area and Its Competitors

Table 83. ABB Line-Commutated Converters (LCC) Product Portfolios and Specifications

Table 84. ABB Line-Commutated Converters (LCC) Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. ABB Main Business

Table 86. ABB Latest Developments

Table 87. Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Basic Information, Line-Commutated Converters (LCC) Manufacturing Base, Sales Area and Its Competitors

Table 88. Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Line-Commutated Converters (LCC) Product Portfolios and Specifications

Table 89. Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Line-Commutated Converters (LCC) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 90. Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Main Business

Table 91. Allgemeine Elektricit?ts-Gesellschaft AG (AEG) Latest Developments

Table 92. Brown, Boveri & Cie (BBC) Basic Information, Line-Commutated Converters (LCC) Manufacturing Base, Sales Area and Its Competitors

Table 93. Brown, Boveri & Cie (BBC) Line-Commutated Converters (LCC) Product Portfolios and Specifications

Table 94. Brown, Boveri & Cie (BBC) Line-Commutated Converters (LCC) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. Brown, Boveri & Cie (BBC) Main Business

Table 96. Brown, Boveri & Cie (BBC) Latest Developments

Table 97. Hitachi ABB Power Grids Basic Information, Line-Commutated Converters (LCC) Manufacturing Base, Sales Area and Its Competitors

Table 98. Hitachi ABB Power Grids Line-Commutated Converters (LCC) Product Portfolios and Specifications

Table 99. Hitachi ABB Power Grids Line-Commutated Converters (LCC) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 100. Hitachi ABB Power Grids Main Business

Table 101. Hitachi ABB Power Grids Latest Developments



## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Line-Commutated Converters (LCC)
- Figure 2. Line-Commutated Converters (LCC) Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Line-Commutated Converters (LCC) Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Line-Commutated Converters (LCC) Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. Line-Commutated Converters (LCC) Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. Line-Commutated Converters (LCC) Sales Market Share by Country/Region (2023)
- Figure 10. Line-Commutated Converters (LCC) Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of High Voltage Electrical Converter
- Figure 12. Product Picture of Low Voltage Electrical Converter
- Figure 13. Global Line-Commutated Converters (LCC) Sales Market Share by Type in 2023
- Figure 14. Global Line-Commutated Converters (LCC) Revenue Market Share by Type (2019-2024)
- Figure 15. Line-Commutated Converters (LCC) Consumed in Industrial Power Grid
- Figure 16. Global Line-Commutated Converters (LCC) Market: Industrial Power Grid (2019-2024) & (K Units)
- Figure 17. Line-Commutated Converters (LCC) Consumed in Civil Power Grid
- Figure 18. Global Line-Commutated Converters (LCC) Market: Civil Power Grid (2019-2024) & (K Units)
- Figure 19. Line-Commutated Converters (LCC) Consumed in Others
- Figure 20. Global Line-Commutated Converters (LCC) Market: Others (2019-2024) & (K Units)
- Figure 21. Global Line-Commutated Converters (LCC) Sale Market Share by Application (2023)
- Figure 22. Global Line-Commutated Converters (LCC) Revenue Market Share by Application in 2023
- Figure 23. Line-Commutated Converters (LCC) Sales by Company in 2023 (K Units)

Figure 24. Global Line-Commutated Converters (LCC) Sales Market Share by Company in 2023

Figure 25. Line-Commutated Converters (LCC) Revenue by Company in 2023 (\$ millions)

Figure 26. Global Line-Commutated Converters (LCC) Revenue Market Share by Company in 2023

Figure 27. Global Line-Commutated Converters (LCC) Sales Market Share by Geographic Region (2019-2024)

Figure 28. Global Line-Commutated Converters (LCC) Revenue Market Share by Geographic Region in 2023

Figure 29. Americas Line-Commutated Converters (LCC) Sales 2019-2024 (K Units)

Figure 30. Americas Line-Commutated Converters (LCC) Revenue 2019-2024 (\$ millions)

Figure 31. APAC Line-Commutated Converters (LCC) Sales 2019-2024 (K Units)

Figure 32. APAC Line-Commutated Converters (LCC) Revenue 2019-2024 (\$ millions)

Figure 33. Europe Line-Commutated Converters (LCC) Sales 2019-2024 (K Units)

Figure 34. Europe Line-Commutated Converters (LCC) Revenue 2019-2024 (\$ millions)

Figure 35. Middle East & Africa Line-Commutated Converters (LCC) Sales 2019-2024 (K Units)

Figure 36. Middle East & Africa Line-Commutated Converters (LCC) Revenue 2019-2024 (\$ millions)

Figure 37. Americas Line-Commutated Converters (LCC) Sales Market Share by Country in 2023

Figure 38. Americas Line-Commutated Converters (LCC) Revenue Market Share by Country (2019-2024)

Figure 39. Americas Line-Commutated Converters (LCC) Sales Market Share by Type (2019-2024)

Figure 40. Americas Line-Commutated Converters (LCC) Sales Market Share by Application (2019-2024)

Figure 41. United States Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 42. Canada Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 43. Mexico Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 44. Brazil Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 45. APAC Line-Commutated Converters (LCC) Sales Market Share by Region in 2023

Figure 46. APAC Line-Commutated Converters (LCC) Revenue Market Share by Region (2019-2024)

Figure 47. APAC Line-Commutated Converters (LCC) Sales Market Share by Type (2019-2024)

Figure 48. APAC Line-Commutated Converters (LCC) Sales Market Share by Application (2019-2024)

Figure 49. China Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 50. Japan Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 51. South Korea Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 52. Southeast Asia Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 53. India Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 54. Australia Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 55. China Taiwan Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 56. Europe Line-Commutated Converters (LCC) Sales Market Share by Country in 2023

Figure 57. Europe Line-Commutated Converters (LCC) Revenue Market Share by Country (2019-2024)

Figure 58. Europe Line-Commutated Converters (LCC) Sales Market Share by Type (2019-2024)

Figure 59. Europe Line-Commutated Converters (LCC) Sales Market Share by Application (2019-2024)

Figure 60. Germany Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 61. France Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 62. UK Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 63. Italy Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 64. Russia Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 65. Middle East & Africa Line-Commutated Converters (LCC) Sales Market

Share by Country (2019-2024)

Figure 66. Middle East & Africa Line-Commutated Converters (LCC) Sales Market

Share by Type (2019-2024)

Figure 67. Middle East & Africa Line-Commutated Converters (LCC) Sales Market

Share by Application (2019-2024)

Figure 68. Egypt Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 69. South Africa Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 70. Israel Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 71. Turkey Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 72. GCC Countries Line-Commutated Converters (LCC) Revenue Growth 2019-2024 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Line-Commutated Converters (LCC) in 2023

Figure 74. Manufacturing Process Analysis of Line-Commutated Converters (LCC)

Figure 75. Industry Chain Structure of Line-Commutated Converters (LCC)

Figure 76. Channels of Distribution

Figure 77. Global Line-Commutated Converters (LCC) Sales Market Forecast by Region (2025-2030)

Figure 78. Global Line-Commutated Converters (LCC) Revenue Market Share Forecast by Region (2025-2030)

Figure 79. Global Line-Commutated Converters (LCC) Sales Market Share Forecast by Type (2025-2030)

Figure 80. Global Line-Commutated Converters (LCC) Revenue Market Share Forecast by Type (2025-2030)

Figure 81. Global Line-Commutated Converters (LCC) Sales Market Share Forecast by Application (2025-2030)

Figure 82. Global Line-Commutated Converters (LCC) Revenue Market Share Forecast by Application (2025-2030)

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