

# Global Space-grade DC-DC Converter Market Growth 2024-2030

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## Abstracts

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The global Space-grade DC-DC Converter market size is projected to grow from US\$ 17200 million in 2023 to US\$ 28870 million in 2030; it is expected to grow at a CAGR of 7.7% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global Space-grade DC-DC Converter 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 Space-grade DC-DC Converter portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Space-grade DC-DC Converter market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Space-grade DC-DC Converter 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 Space-grade DC-DC Converter.

The market for space-grade DC-DC converters, which are specifically designed for use in space applications, is influenced by several trends:

- Growing Demand for Small Satellites:** The increasing demand for small satellites, including CubeSats and nanosatellites, is driving the need for compact, lightweight, and efficient space-grade DC-DC converters. These converters must meet the stringent requirements of space missions while fitting within the limited space and power constraints of small satellite platforms.
- Rise of Commercial Space Exploration:** The growing involvement of private companies in space exploration, satellite deployment, and space tourism is creating opportunities for space-grade DC-DC converter manufacturers. Commercial space companies require reliable and high-performance power management solutions for their spacecraft and satellite constellations.
- Advancements in Space Technology:** Technological advancements in space exploration, including deep space missions, lunar exploration, and Mars colonization, require innovative power solutions capable of operating in extreme environments and over extended mission durations. Space-grade DC-DC converters must withstand radiation, thermal cycling, and vacuum conditions while maintaining high efficiency and reliability.

This report presents a comprehensive overview, market shares, and growth opportunities of Space-grade DC-DC Converter market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by type

3.3 VDC

5 VDC

12 VDC

15 VDC

#### Segmentation by application

Remote Sensing

Surveillance

Communication

Navigation

Scientific Research

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 analyzing the company's coverage, product portfolio, its market penetration.

Infineon Technologies AG

Peregrine Semiconductor Corp

VPT, Inc.

Crane Aerospace & Electronics

Astrodyne TDI

Vicor Corporation

XP Power

Gaia Converter

Polytron Devices, Inc.

Microsemi Corporation

Magna-Power Electronics

Texas Instruments

Xidas Magnetics

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Space-grade DC-DC Converter market?

What factors are driving Space-grade DC-DC Converter market growth, globally and by region?

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

How do Space-grade DC-DC Converter market opportunities vary by end market size?

How does Space-grade DC-DC Converter break out type, 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 Space-grade DC-DC Converter Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Space-grade DC-DC Converter by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Space-grade DC-DC Converter by Country/Region, 2019, 2023 & 2030

#### 2.2 Space-grade DC-DC Converter Segment by Type

- 2.2.1 3.3 VDC
- 2.2.2 5 VDC
- 2.2.3 12 VDC
- 2.2.4 15 VDC

#### 2.3 Space-grade DC-DC Converter Sales by Type

- 2.3.1 Global Space-grade DC-DC Converter Sales Market Share by Type (2019-2024)
- 2.3.2 Global Space-grade DC-DC Converter Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Space-grade DC-DC Converter Sale Price by Type (2019-2024)

#### 2.4 Space-grade DC-DC Converter Segment by Application

- 2.4.1 Remote Sensing
- 2.4.2 Surveillance
- 2.4.3 Communication
- 2.4.4 Navigation
- 2.4.5 Scientific Research

#### 2.5 Space-grade DC-DC Converter Sales by Application

- 2.5.1 Global Space-grade DC-DC Converter Sale Market Share by Application

(2019-2024)

2.5.2 Global Space-grade DC-DC Converter Revenue and Market Share by Application (2019-2024)

2.5.3 Global Space-grade DC-DC Converter Sale Price by Application (2019-2024)

### **3 GLOBAL SPACE-GRADE DC-DC CONVERTER BY COMPANY**

3.1 Global Space-grade DC-DC Converter Breakdown Data by Company

3.1.1 Global Space-grade DC-DC Converter Annual Sales by Company (2019-2024)

3.1.2 Global Space-grade DC-DC Converter Sales Market Share by Company (2019-2024)

3.2 Global Space-grade DC-DC Converter Annual Revenue by Company (2019-2024)

3.2.1 Global Space-grade DC-DC Converter Revenue by Company (2019-2024)

3.2.2 Global Space-grade DC-DC Converter Revenue Market Share by Company (2019-2024)

3.3 Global Space-grade DC-DC Converter Sale Price by Company

3.4 Key Manufacturers Space-grade DC-DC Converter Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Space-grade DC-DC Converter Product Location Distribution

3.4.2 Players Space-grade DC-DC Converter 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 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR SPACE-GRADE DC-DC CONVERTER BY GEOGRAPHIC REGION**

4.1 World Historic Space-grade DC-DC Converter Market Size by Geographic Region (2019-2024)

4.1.1 Global Space-grade DC-DC Converter Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Space-grade DC-DC Converter Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Space-grade DC-DC Converter Market Size by Country/Region (2019-2024)

4.2.1 Global Space-grade DC-DC Converter Annual Sales by Country/Region (2019-2024)

4.2.2 Global Space-grade DC-DC Converter Annual Revenue by Country/Region (2019-2024)

4.3 Americas Space-grade DC-DC Converter Sales Growth

4.4 APAC Space-grade DC-DC Converter Sales Growth

4.5 Europe Space-grade DC-DC Converter Sales Growth

4.6 Middle East & Africa Space-grade DC-DC Converter Sales Growth

## **5 AMERICAS**

5.1 Americas Space-grade DC-DC Converter Sales by Country

5.1.1 Americas Space-grade DC-DC Converter Sales by Country (2019-2024)

5.1.2 Americas Space-grade DC-DC Converter Revenue by Country (2019-2024)

5.2 Americas Space-grade DC-DC Converter Sales by Type

5.3 Americas Space-grade DC-DC Converter Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Space-grade DC-DC Converter Sales by Region

6.1.1 APAC Space-grade DC-DC Converter Sales by Region (2019-2024)

6.1.2 APAC Space-grade DC-DC Converter Revenue by Region (2019-2024)

6.2 APAC Space-grade DC-DC Converter Sales by Type

6.3 APAC Space-grade DC-DC Converter Sales by Application

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 Space-grade DC-DC Converter by Country

7.1.1 Europe Space-grade DC-DC Converter Sales by Country (2019-2024)

7.1.2 Europe Space-grade DC-DC Converter Revenue by Country (2019-2024)



- 7.2 Europe Space-grade DC-DC Converter Sales by Type
- 7.3 Europe Space-grade DC-DC Converter Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Space-grade DC-DC Converter by Country
  - 8.1.1 Middle East & Africa Space-grade DC-DC Converter Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Space-grade DC-DC Converter Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Space-grade DC-DC Converter Sales by Type
- 8.3 Middle East & Africa Space-grade DC-DC Converter Sales by Application
- 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 Space-grade DC-DC Converter
- 10.3 Manufacturing Process Analysis of Space-grade DC-DC Converter
- 10.4 Industry Chain Structure of Space-grade DC-DC Converter

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

- 11.1 Sales Channel

- 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Space-grade DC-DC Converter Distributors
- 11.3 Space-grade DC-DC Converter Customer

## **12 WORLD FORECAST REVIEW FOR SPACE-GRADE DC-DC CONVERTER BY GEOGRAPHIC REGION**

- 12.1 Global Space-grade DC-DC Converter Market Size Forecast by Region
  - 12.1.1 Global Space-grade DC-DC Converter Forecast by Region (2025-2030)
  - 12.1.2 Global Space-grade DC-DC Converter Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Space-grade DC-DC Converter Forecast by Type
- 12.7 Global Space-grade DC-DC Converter Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

- 13.1 Infineon Technologies AG
  - 13.1.1 Infineon Technologies AG Company Information
  - 13.1.2 Infineon Technologies AG Space-grade DC-DC Converter Product Portfolios and Specifications
  - 13.1.3 Infineon Technologies AG Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.1.4 Infineon Technologies AG Main Business Overview
  - 13.1.5 Infineon Technologies AG Latest Developments
- 13.2 Peregrine Semiconductor Corp
  - 13.2.1 Peregrine Semiconductor Corp Company Information
  - 13.2.2 Peregrine Semiconductor Corp Space-grade DC-DC Converter Product Portfolios and Specifications
  - 13.2.3 Peregrine Semiconductor Corp Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.2.4 Peregrine Semiconductor Corp Main Business Overview
  - 13.2.5 Peregrine Semiconductor Corp Latest Developments
- 13.3 VPT, Inc.
  - 13.3.1 VPT, Inc. Company Information

- 13.3.2 VPT, Inc. Space-grade DC-DC Converter Product Portfolios and Specifications
- 13.3.3 VPT, Inc. Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.3.4 VPT, Inc. Main Business Overview
- 13.3.5 VPT, Inc. Latest Developments
- 13.4 Crane Aerospace 8 Electronics
  - 13.4.1 Crane Aerospace 8 Electronics Company Information
  - 13.4.2 Crane Aerospace 8 Electronics Space-grade DC-DC Converter Product Portfolios and Specifications
  - 13.4.3 Crane Aerospace 8 Electronics Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.4.4 Crane Aerospace 8 Electronics Main Business Overview
  - 13.4.5 Crane Aerospace 8 Electronics Latest Developments
- 13.5 Astrodyne TDI
  - 13.5.1 Astrodyne TDI Company Information
  - 13.5.2 Astrodyne TDI Space-grade DC-DC Converter Product Portfolios and Specifications
  - 13.5.3 Astrodyne TDI Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 Astrodyne TDI Main Business Overview
  - 13.5.5 Astrodyne TDI Latest Developments
- 13.6 Vicor Corporation
  - 13.6.1 Vicor Corporation Company Information
  - 13.6.2 Vicor Corporation Space-grade DC-DC Converter Product Portfolios and Specifications
  - 13.6.3 Vicor Corporation Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 Vicor Corporation Main Business Overview
  - 13.6.5 Vicor Corporation Latest Developments
- 13.7 XP Power
  - 13.7.1 XP Power Company Information
  - 13.7.2 XP Power Space-grade DC-DC Converter Product Portfolios and Specifications
  - 13.7.3 XP Power Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 XP Power Main Business Overview
  - 13.7.5 XP Power Latest Developments
- 13.8 Gaia Converter
  - 13.8.1 Gaia Converter Company Information
  - 13.8.2 Gaia Converter Space-grade DC-DC Converter Product Portfolios and

## Specifications

13.8.3 Gaia Converter Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Gaia Converter Main Business Overview

13.8.5 Gaia Converter Latest Developments

## 13.9 Polytron Devices, Inc.

13.9.1 Polytron Devices, Inc. Company Information

13.9.2 Polytron Devices, Inc. Space-grade DC-DC Converter Product Portfolios and Specifications

13.9.3 Polytron Devices, Inc. Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Polytron Devices, Inc. Main Business Overview

13.9.5 Polytron Devices, Inc. Latest Developments

## 13.10 Microsemi Corporation

13.10.1 Microsemi Corporation Company Information

13.10.2 Microsemi Corporation Space-grade DC-DC Converter Product Portfolios and Specifications

13.10.3 Microsemi Corporation Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Microsemi Corporation Main Business Overview

13.10.5 Microsemi Corporation Latest Developments

## 13.11 Magna-Power Electronics

13.11.1 Magna-Power Electronics Company Information

13.11.2 Magna-Power Electronics Space-grade DC-DC Converter Product Portfolios and Specifications

13.11.3 Magna-Power Electronics Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Magna-Power Electronics Main Business Overview

13.11.5 Magna-Power Electronics Latest Developments

## 13.12 Texas Instruments

13.12.1 Texas Instruments Company Information

13.12.2 Texas Instruments Space-grade DC-DC Converter Product Portfolios and Specifications

13.12.3 Texas Instruments Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Texas Instruments Main Business Overview

13.12.5 Texas Instruments Latest Developments

## 13.13 Xidas Magnetics

13.13.1 Xidas Magnetics Company Information

13.13.2 Xidas Magnetics Space-grade DC-DC Converter Product Portfolios and Specifications

13.13.3 Xidas Magnetics Space-grade DC-DC Converter Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Xidas Magnetics Main Business Overview

13.13.5 Xidas Magnetics Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Space-grade DC-DC Converter Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Space-grade DC-DC Converter Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of 3.3 VDC

Table 4. Major Players of 5 VDC

Table 5. Major Players of 12 VDC

Table 6. Major Players of 15 VDC

Table 7. Global Space-grade DC-DC Converter Sales by Type (2019-2024) & (K Units)

Table 8. Global Space-grade DC-DC Converter Sales Market Share by Type (2019-2024)

Table 9. Global Space-grade DC-DC Converter Revenue by Type (2019-2024) & (\$ million)

Table 10. Global Space-grade DC-DC Converter Revenue Market Share by Type (2019-2024)

Table 11. Global Space-grade DC-DC Converter Sale Price by Type (2019-2024) & (US\$/Unit)

Table 12. Global Space-grade DC-DC Converter Sales by Application (2019-2024) & (K Units)

Table 13. Global Space-grade DC-DC Converter Sales Market Share by Application (2019-2024)

Table 14. Global Space-grade DC-DC Converter Revenue by Application (2019-2024)

Table 15. Global Space-grade DC-DC Converter Revenue Market Share by Application (2019-2024)

Table 16. Global Space-grade DC-DC Converter Sale Price by Application (2019-2024) & (US\$/Unit)

Table 17. Global Space-grade DC-DC Converter Sales by Company (2019-2024) & (K Units)

Table 18. Global Space-grade DC-DC Converter Sales Market Share by Company (2019-2024)

Table 19. Global Space-grade DC-DC Converter Revenue by Company (2019-2024) (\$ Millions)

Table 20. Global Space-grade DC-DC Converter Revenue Market Share by Company (2019-2024)

Table 21. Global Space-grade DC-DC Converter Sale Price by Company (2019-2024) &

(US\$/Unit)

Table 22. Key Manufacturers Space-grade DC-DC Converter Producing Area Distribution and Sales Area

Table 23. Players Space-grade DC-DC Converter Products Offered

Table 24. Space-grade DC-DC Converter Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Space-grade DC-DC Converter Sales by Geographic Region (2019-2024) & (K Units)

Table 28. Global Space-grade DC-DC Converter Sales Market Share Geographic Region (2019-2024)

Table 29. Global Space-grade DC-DC Converter Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 30. Global Space-grade DC-DC Converter Revenue Market Share by Geographic Region (2019-2024)

Table 31. Global Space-grade DC-DC Converter Sales by Country/Region (2019-2024) & (K Units)

Table 32. Global Space-grade DC-DC Converter Sales Market Share by Country/Region (2019-2024)

Table 33. Global Space-grade DC-DC Converter Revenue by Country/Region (2019-2024) & (\$ millions)

Table 34. Global Space-grade DC-DC Converter Revenue Market Share by Country/Region (2019-2024)

Table 35. Americas Space-grade DC-DC Converter Sales by Country (2019-2024) & (K Units)

Table 36. Americas Space-grade DC-DC Converter Sales Market Share by Country (2019-2024)

Table 37. Americas Space-grade DC-DC Converter Revenue by Country (2019-2024) & (\$ Millions)

Table 38. Americas Space-grade DC-DC Converter Revenue Market Share by Country (2019-2024)

Table 39. Americas Space-grade DC-DC Converter Sales by Type (2019-2024) & (K Units)

Table 40. Americas Space-grade DC-DC Converter Sales by Application (2019-2024) & (K Units)

Table 41. APAC Space-grade DC-DC Converter Sales by Region (2019-2024) & (K Units)

Table 42. APAC Space-grade DC-DC Converter Sales Market Share by Region

(2019-2024)

Table 43. APAC Space-grade DC-DC Converter Revenue by Region (2019-2024) & (\$ Millions)

Table 44. APAC Space-grade DC-DC Converter Revenue Market Share by Region (2019-2024)

Table 45. APAC Space-grade DC-DC Converter Sales by Type (2019-2024) & (K Units)

Table 46. APAC Space-grade DC-DC Converter Sales by Application (2019-2024) & (K Units)

Table 47. Europe Space-grade DC-DC Converter Sales by Country (2019-2024) & (K Units)

Table 48. Europe Space-grade DC-DC Converter Sales Market Share by Country (2019-2024)

Table 49. Europe Space-grade DC-DC Converter Revenue by Country (2019-2024) & (\$ Millions)

Table 50. Europe Space-grade DC-DC Converter Revenue Market Share by Country (2019-2024)

Table 51. Europe Space-grade DC-DC Converter Sales by Type (2019-2024) & (K Units)

Table 52. Europe Space-grade DC-DC Converter Sales by Application (2019-2024) & (K Units)

Table 53. Middle East & Africa Space-grade DC-DC Converter Sales by Country (2019-2024) & (K Units)

Table 54. Middle East & Africa Space-grade DC-DC Converter Sales Market Share by Country (2019-2024)

Table 55. Middle East & Africa Space-grade DC-DC Converter Revenue by Country (2019-2024) & (\$ Millions)

Table 56. Middle East & Africa Space-grade DC-DC Converter Revenue Market Share by Country (2019-2024)

Table 57. Middle East & Africa Space-grade DC-DC Converter Sales by Type (2019-2024) & (K Units)

Table 58. Middle East & Africa Space-grade DC-DC Converter Sales by Application (2019-2024) & (K Units)

Table 59. Key Market Drivers & Growth Opportunities of Space-grade DC-DC Converter

Table 60. Key Market Challenges & Risks of Space-grade DC-DC Converter

Table 61. Key Industry Trends of Space-grade DC-DC Converter

Table 62. Space-grade DC-DC Converter Raw Material

Table 63. Key Suppliers of Raw Materials

Table 64. Space-grade DC-DC Converter Distributors List

Table 65. Space-grade DC-DC Converter Customer List



Table 66. Global Space-grade DC-DC Converter Sales Forecast by Region (2025-2030) & (K Units)

Table 67. Global Space-grade DC-DC Converter Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 68. Americas Space-grade DC-DC Converter Sales Forecast by Country (2025-2030) & (K Units)

Table 69. Americas Space-grade DC-DC Converter Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 70. APAC Space-grade DC-DC Converter Sales Forecast by Region (2025-2030) & (K Units)

Table 71. APAC Space-grade DC-DC Converter Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 72. Europe Space-grade DC-DC Converter Sales Forecast by Country (2025-2030) & (K Units)

Table 73. Europe Space-grade DC-DC Converter Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 74. Middle East & Africa Space-grade DC-DC Converter Sales Forecast by Country (2025-2030) & (K Units)

Table 75. Middle East & Africa Space-grade DC-DC Converter Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 76. Global Space-grade DC-DC Converter Sales Forecast by Type (2025-2030) & (K Units)

Table 77. Global Space-grade DC-DC Converter Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 78. Global Space-grade DC-DC Converter Sales Forecast by Application (2025-2030) & (K Units)

Table 79. Global Space-grade DC-DC Converter Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 80. Infineon Technologies AG Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

Table 81. Infineon Technologies AG Space-grade DC-DC Converter Product Portfolios and Specifications

Table 82. Infineon Technologies AG Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 83. Infineon Technologies AG Main Business

Table 84. Infineon Technologies AG Latest Developments

Table 85. Peregrine Semiconductor Corp Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

Table 86. Peregrine Semiconductor Corp Space-grade DC-DC Converter Product

## Portfolios and Specifications

Table 87. Peregrine Semiconductor Corp Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 88. Peregrine Semiconductor Corp Main Business

Table 89. Peregrine Semiconductor Corp Latest Developments

Table 90. VPT, Inc. Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

Table 91. VPT, Inc. Space-grade DC-DC Converter Product Portfolios and Specifications

Table 92. VPT, Inc. Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 93. VPT, Inc. Main Business

Table 94. VPT, Inc. Latest Developments

Table 95. Crane Aerospace 8 Electronics Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

Table 96. Crane Aerospace 8 Electronics Space-grade DC-DC Converter Product Portfolios and Specifications

Table 97. Crane Aerospace 8 Electronics Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 98. Crane Aerospace 8 Electronics Main Business

Table 99. Crane Aerospace 8 Electronics Latest Developments

Table 100. Astrodyne TDI Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

Table 101. Astrodyne TDI Space-grade DC-DC Converter Product Portfolios and Specifications

Table 102. Astrodyne TDI Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 103. Astrodyne TDI Main Business

Table 104. Astrodyne TDI Latest Developments

Table 105. Vicor Corporation Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

Table 106. Vicor Corporation Space-grade DC-DC Converter Product Portfolios and Specifications

Table 107. Vicor Corporation Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 108. Vicor Corporation Main Business

Table 109. Vicor Corporation Latest Developments

Table 110. XP Power Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

- Table 111. XP Power Space-grade DC-DC Converter Product Portfolios and Specifications
- Table 112. XP Power Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 113. XP Power Main Business
- Table 114. XP Power Latest Developments
- Table 115. Gaia Converter Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors
- Table 116. Gaia Converter Space-grade DC-DC Converter Product Portfolios and Specifications
- Table 117. Gaia Converter Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 118. Gaia Converter Main Business
- Table 119. Gaia Converter Latest Developments
- Table 120. Polytron Devices, Inc. Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors
- Table 121. Polytron Devices, Inc. Space-grade DC-DC Converter Product Portfolios and Specifications
- Table 122. Polytron Devices, Inc. Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 123. Polytron Devices, Inc. Main Business
- Table 124. Polytron Devices, Inc. Latest Developments
- Table 125. Microsemi Corporation Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors
- Table 126. Microsemi Corporation Space-grade DC-DC Converter Product Portfolios and Specifications
- Table 127. Microsemi Corporation Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 128. Microsemi Corporation Main Business
- Table 129. Microsemi Corporation Latest Developments
- Table 130. Magna-Power Electronics Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors
- Table 131. Magna-Power Electronics Space-grade DC-DC Converter Product Portfolios and Specifications
- Table 132. Magna-Power Electronics Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 133. Magna-Power Electronics Main Business
- Table 134. Magna-Power Electronics Latest Developments
- Table 135. Texas Instruments Basic Information, Space-grade DC-DC Converter

Manufacturing Base, Sales Area and Its Competitors

Table 136. Texas Instruments Space-grade DC-DC Converter Product Portfolios and Specifications

Table 137. Texas Instruments Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 138. Texas Instruments Main Business

Table 139. Texas Instruments Latest Developments

Table 140. Xidas Magnetics Basic Information, Space-grade DC-DC Converter Manufacturing Base, Sales Area and Its Competitors

Table 141. Xidas Magnetics Space-grade DC-DC Converter Product Portfolios and Specifications

Table 142. Xidas Magnetics Space-grade DC-DC Converter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 143. Xidas Magnetics Main Business

Table 144. Xidas Magnetics Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Space-grade DC-DC Converter
- Figure 2. Space-grade DC-DC Converter Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Space-grade DC-DC Converter Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Space-grade DC-DC Converter Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Space-grade DC-DC Converter Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of 3.3 VDC
- Figure 10. Product Picture of 5 VDC
- Figure 11. Product Picture of 12 VDC
- Figure 12. Product Picture of 15 VDC
- Figure 13. Global Space-grade DC-DC Converter Sales Market Share by Type in 2023
- Figure 14. Global Space-grade DC-DC Converter Revenue Market Share by Type (2019-2024)
- Figure 15. Space-grade DC-DC Converter Consumed in Remote Sensing
- Figure 16. Global Space-grade DC-DC Converter Market: Remote Sensing (2019-2024) & (K Units)
- Figure 17. Space-grade DC-DC Converter Consumed in Surveillance
- Figure 18. Global Space-grade DC-DC Converter Market: Surveillance (2019-2024) & (K Units)
- Figure 19. Space-grade DC-DC Converter Consumed in Communication
- Figure 20. Global Space-grade DC-DC Converter Market: Communication (2019-2024) & (K Units)
- Figure 21. Space-grade DC-DC Converter Consumed in Navigation
- Figure 22. Global Space-grade DC-DC Converter Market: Navigation (2019-2024) & (K Units)
- Figure 23. Space-grade DC-DC Converter Consumed in Scientific Research
- Figure 24. Global Space-grade DC-DC Converter Market: Scientific Research (2019-2024) & (K Units)
- Figure 25. Global Space-grade DC-DC Converter Sales Market Share by Application (2023)

Figure 26. Global Space-grade DC-DC Converter Revenue Market Share by Application in 2023

Figure 27. Space-grade DC-DC Converter Sales Market by Company in 2023 (K Units)

Figure 28. Global Space-grade DC-DC Converter Sales Market Share by Company in 2023

Figure 29. Space-grade DC-DC Converter Revenue Market by Company in 2023 (\$ Million)

Figure 30. Global Space-grade DC-DC Converter Revenue Market Share by Company in 2023

Figure 31. Global Space-grade DC-DC Converter Sales Market Share by Geographic Region (2019-2024)

Figure 32. Global Space-grade DC-DC Converter Revenue Market Share by Geographic Region in 2023

Figure 33. Americas Space-grade DC-DC Converter Sales 2019-2024 (K Units)

Figure 34. Americas Space-grade DC-DC Converter Revenue 2019-2024 (\$ Millions)

Figure 35. APAC Space-grade DC-DC Converter Sales 2019-2024 (K Units)

Figure 36. APAC Space-grade DC-DC Converter Revenue 2019-2024 (\$ Millions)

Figure 37. Europe Space-grade DC-DC Converter Sales 2019-2024 (K Units)

Figure 38. Europe Space-grade DC-DC Converter Revenue 2019-2024 (\$ Millions)

Figure 39. Middle East & Africa Space-grade DC-DC Converter Sales 2019-2024 (K Units)

Figure 40. Middle East & Africa Space-grade DC-DC Converter Revenue 2019-2024 (\$ Millions)

Figure 41. Americas Space-grade DC-DC Converter Sales Market Share by Country in 2023

Figure 42. Americas Space-grade DC-DC Converter Revenue Market Share by Country in 2023

Figure 43. Americas Space-grade DC-DC Converter Sales Market Share by Type (2019-2024)

Figure 44. Americas Space-grade DC-DC Converter Sales Market Share by Application (2019-2024)

Figure 45. United States Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Canada Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 47. Mexico Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 48. Brazil Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 49. APAC Space-grade DC-DC Converter Sales Market Share by Region in 2023

Figure 50. APAC Space-grade DC-DC Converter Revenue Market Share by Regions in 2023

Figure 51. APAC Space-grade DC-DC Converter Sales Market Share by Type (2019-2024)

Figure 52. APAC Space-grade DC-DC Converter Sales Market Share by Application (2019-2024)

Figure 53. China Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Japan Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 55. South Korea Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Southeast Asia Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 57. India Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Australia Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 59. China Taiwan Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Europe Space-grade DC-DC Converter Sales Market Share by Country in 2023

Figure 61. Europe Space-grade DC-DC Converter Revenue Market Share by Country in 2023

Figure 62. Europe Space-grade DC-DC Converter Sales Market Share by Type (2019-2024)

Figure 63. Europe Space-grade DC-DC Converter Sales Market Share by Application (2019-2024)

Figure 64. Germany Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 65. France Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 66. UK Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Italy Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 68. Russia Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 69. Middle East & Africa Space-grade DC-DC Converter Sales Market Share by

Country in 2023

Figure 70. Middle East & Africa Space-grade DC-DC Converter Revenue Market Share by Country in 2023

Figure 71. Middle East & Africa Space-grade DC-DC Converter Sales Market Share by Type (2019-2024)

Figure 72. Middle East & Africa Space-grade DC-DC Converter Sales Market Share by Application (2019-2024)

Figure 73. Egypt Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 74. South Africa Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 75. Israel Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Turkey Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 77. GCC Country Space-grade DC-DC Converter Revenue Growth 2019-2024 (\$ Millions)

Figure 78. Manufacturing Cost Structure Analysis of Space-grade DC-DC Converter in 2023

Figure 79. Manufacturing Process Analysis of Space-grade DC-DC Converter

Figure 80. Industry Chain Structure of Space-grade DC-DC Converter

Figure 81. Channels of Distribution

Figure 82. Global Space-grade DC-DC Converter Sales Market Forecast by Region (2025-2030)

Figure 83. Global Space-grade DC-DC Converter Revenue Market Share Forecast by Region (2025-2030)

Figure 84. Global Space-grade DC-DC Converter Sales Market Share Forecast by Type (2025-2030)

Figure 85. Global Space-grade DC-DC Converter Revenue Market Share Forecast by Type (2025-2030)

Figure 86. Global Space-grade DC-DC Converter Sales Market Share Forecast by Application (2025-2030)

Figure 87. Global Space-grade DC-DC Converter Revenue Market Share Forecast by Application (2025-2030)



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