

Global Power Electronics for Electric Vehicles Market Size, Manufacturers, Opportunities and Forecast to 2030

<https://marketpublishers.com/r/GE53C9764964EN.html>

Date: April 2024

Pages: 106

Price: US\$ 3,450.00 (Single User License)

ID: GE53C9764964EN

Abstracts

Summary

To control the flow of energy, the switching electronic circuits are used. These switching electronic circuits are called power electronics. Power electronics are also considered for the conversion of electric power. Such conversions are performed by semiconductor devices like diodes, transistors and thyristors etc. Power electronics devices have several advantages including optimum forward and reverse backing capabilities, simplified circuits, compact designs etc. Moreover, power electronics find its applications in connection of renewable energy resources to power grids, transportation in electric trains, motor drives and lighting. The major use of power electronics devices is heat sinking as well as soft starting of equipment deploying power electronic devices. This report only covers electric vehicles segment.

According to APO Research, The global Power Electronics for Electric Vehicles market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Power Electronics for Electric Vehicles is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Power Electronics for Electric Vehicles is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Power Electronics for Electric Vehicles is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Power Electronics for Electric Vehicles include Infineon Technologies, Mitsubishi Electric, Fuji Electric, SEMIKRON, ON Semiconductor, Renesas Electronics, Vishay Intertechnology, Texas Instruments and Toshiba, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Power Electronics for Electric Vehicles, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Power Electronics for Electric Vehicles.

The Power Electronics for Electric Vehicles market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Power Electronics for Electric Vehicles market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in

the research report include:

Infineon Technologies

Mitsubishi Electric

Fuji Electric

SEMIKRON

ON Semiconductor

Renesas Electronics

Vishay Intertechnology

Texas Instruments

Toshiba

Stmicroelectronics

NXP Semiconductors

Microsemi Corporation

Power Electronics for Electric Vehicles segment by Type

Power IC

Power Module

Power Discrete

Power Electronics for Electric Vehicles segment by Application

HEV

EV

PHEV

Power Electronics for Electric Vehicles Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Power Electronics for Electric Vehicles market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation

situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Power Electronics for Electric Vehicles and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Power Electronics for Electric Vehicles.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Power Electronics for Electric Vehicles manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Power Electronics for Electric Vehicles in regional level. It

provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

1.1 Product Definition

1.2 Global Market Growth Prospects

1.2.1 Global Power Electronics for Electric Vehicles Market Size Estimates and Forecasts (2019-2030)

1.2.2 Global Power Electronics for Electric Vehicles Sales Estimates and Forecasts (2019-2030)

1.3 Power Electronics for Electric Vehicles Market by Type

1.3.1 Power IC

1.3.2 Power Module

1.3.3 Power Discrete

1.4 Global Power Electronics for Electric Vehicles Market Size by Type

1.4.1 Global Power Electronics for Electric Vehicles Market Size Overview by Type (2019-2030)

1.4.2 Global Power Electronics for Electric Vehicles Historic Market Size Review by Type (2019-2024)

1.4.3 Global Power Electronics for Electric Vehicles Forecasted Market Size by Type (2025-2030)

1.5 Key Regions Market Size by Type

1.5.1 North America Power Electronics for Electric Vehicles Sales Breakdown by Type (2019-2024)

1.5.2 Europe Power Electronics for Electric Vehicles Sales Breakdown by Type (2019-2024)

1.5.3 Asia-Pacific Power Electronics for Electric Vehicles Sales Breakdown by Type (2019-2024)

1.5.4 Latin America Power Electronics for Electric Vehicles Sales Breakdown by Type (2019-2024)

1.5.5 Middle East and Africa Power Electronics for Electric Vehicles Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

2.1 Power Electronics for Electric Vehicles Industry Trends

2.2 Power Electronics for Electric Vehicles Industry Drivers

2.3 Power Electronics for Electric Vehicles Industry Opportunities and Challenges

2.4 Power Electronics for Electric Vehicles Industry Restraints

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Power Electronics for Electric Vehicles Revenue (2019-2024)
- 3.2 Global Top Players by Power Electronics for Electric Vehicles Sales (2019-2024)
- 3.3 Global Top Players by Power Electronics for Electric Vehicles Price (2019-2024)
- 3.4 Global Power Electronics for Electric Vehicles Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Power Electronics for Electric Vehicles Key Company Manufacturing Sites & Headquarters
- 3.6 Global Power Electronics for Electric Vehicles Company, Product Type & Application
- 3.7 Global Power Electronics for Electric Vehicles Company Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Power Electronics for Electric Vehicles Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Power Electronics for Electric Vehicles Players Market Share by Revenue in 2023
 - 3.8.3 2023 Power Electronics for Electric Vehicles Tier 1, Tier 2, and Tier

4 POWER ELECTRONICS FOR ELECTRIC VEHICLES REGIONAL STATUS AND OUTLOOK

- 4.1 Global Power Electronics for Electric Vehicles Market Size and CAGR by Region: 2019 VS 2023 VS 2030
- 4.2 Global Power Electronics for Electric Vehicles Historic Market Size by Region
 - 4.2.1 Global Power Electronics for Electric Vehicles Sales in Volume by Region (2019-2024)
 - 4.2.2 Global Power Electronics for Electric Vehicles Sales in Value by Region (2019-2024)
 - 4.2.3 Global Power Electronics for Electric Vehicles Sales (Volume & Value), Price and Gross Margin (2019-2024)
- 4.3 Global Power Electronics for Electric Vehicles Forecasted Market Size by Region
 - 4.3.1 Global Power Electronics for Electric Vehicles Sales in Volume by Region (2025-2030)
 - 4.3.2 Global Power Electronics for Electric Vehicles Sales in Value by Region (2025-2030)
 - 4.3.3 Global Power Electronics for Electric Vehicles Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 POWER ELECTRONICS FOR ELECTRIC VEHICLES BY APPLICATION

5.1 Power Electronics for Electric Vehicles Market by Application

5.1.1 HEV

5.1.2 EV

5.1.3 PHEV

5.2 Global Power Electronics for Electric Vehicles Market Size by Application

5.2.1 Global Power Electronics for Electric Vehicles Market Size Overview by Application (2019-2030)

5.2.2 Global Power Electronics for Electric Vehicles Historic Market Size Review by Application (2019-2024)

5.2.3 Global Power Electronics for Electric Vehicles Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Power Electronics for Electric Vehicles Sales Breakdown by Application (2019-2024)

5.3.2 Europe Power Electronics for Electric Vehicles Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Power Electronics for Electric Vehicles Sales Breakdown by Application (2019-2024)

5.3.4 Latin America Power Electronics for Electric Vehicles Sales Breakdown by Application (2019-2024)

5.3.5 Middle East and Africa Power Electronics for Electric Vehicles Sales Breakdown by Application (2019-2024)

6 COMPANY PROFILES

6.1 Infineon Technologies

6.1.1 Infineon Technologies Company Information

6.1.2 Infineon Technologies Business Overview

6.1.3 Infineon Technologies Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)

6.1.4 Infineon Technologies Power Electronics for Electric Vehicles Product Portfolio

6.1.5 Infineon Technologies Recent Developments

6.2 Mitsubishi Electric

6.2.1 Mitsubishi Electric Company Information

6.2.2 Mitsubishi Electric Business Overview

6.2.3 Mitsubishi Electric Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)

- 6.2.4 Mitsubishi Electric Power Electronics for Electric Vehicles Product Portfolio
- 6.2.5 Mitsubishi Electric Recent Developments
- 6.3 Fuji Electric
 - 6.3.1 Fuji Electric Company Information
 - 6.3.2 Fuji Electric Business Overview
 - 6.3.3 Fuji Electric Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.3.4 Fuji Electric Power Electronics for Electric Vehicles Product Portfolio
 - 6.3.5 Fuji Electric Recent Developments
- 6.4 SEMIKRON
 - 6.4.1 SEMIKRON Company Information
 - 6.4.2 SEMIKRON Business Overview
 - 6.4.3 SEMIKRON Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.4.4 SEMIKRON Power Electronics for Electric Vehicles Product Portfolio
 - 6.4.5 SEMIKRON Recent Developments
- 6.5 ON Semiconductor
 - 6.5.1 ON Semiconductor Company Information
 - 6.5.2 ON Semiconductor Business Overview
 - 6.5.3 ON Semiconductor Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.5.4 ON Semiconductor Power Electronics for Electric Vehicles Product Portfolio
 - 6.5.5 ON Semiconductor Recent Developments
- 6.6 Renesas Electronics
 - 6.6.1 Renesas Electronics Company Information
 - 6.6.2 Renesas Electronics Business Overview
 - 6.6.3 Renesas Electronics Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.6.4 Renesas Electronics Power Electronics for Electric Vehicles Product Portfolio
 - 6.6.5 Renesas Electronics Recent Developments
- 6.7 Vishay Intertechnology
 - 6.7.1 Vishay Intertechnology Company Information
 - 6.7.2 Vishay Intertechnology Business Overview
 - 6.7.3 Vishay Intertechnology Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.7.4 Vishay Intertechnology Power Electronics for Electric Vehicles Product Portfolio
 - 6.7.5 Vishay Intertechnology Recent Developments
- 6.8 Texas Instruments
 - 6.8.1 Texas Instruments Company Information

- 6.8.2 Texas Instruments Business Overview
- 6.8.3 Texas Instruments Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
- 6.8.4 Texas Instruments Power Electronics for Electric Vehicles Product Portfolio
- 6.8.5 Texas Instruments Recent Developments
- 6.9 Toshiba
 - 6.9.1 Toshiba Company Information
 - 6.9.2 Toshiba Business Overview
 - 6.9.3 Toshiba Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.9.4 Toshiba Power Electronics for Electric Vehicles Product Portfolio
 - 6.9.5 Toshiba Recent Developments
- 6.10 Stmicroelectronics
 - 6.10.1 Stmicroelectronics Company Information
 - 6.10.2 Stmicroelectronics Business Overview
 - 6.10.3 Stmicroelectronics Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.10.4 Stmicroelectronics Power Electronics for Electric Vehicles Product Portfolio
 - 6.10.5 Stmicroelectronics Recent Developments
- 6.11 NXP Semiconductors
 - 6.11.1 NXP Semiconductors Company Information
 - 6.11.2 NXP Semiconductors Business Overview
 - 6.11.3 NXP Semiconductors Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.11.4 NXP Semiconductors Power Electronics for Electric Vehicles Product Portfolio
 - 6.11.5 NXP Semiconductors Recent Developments
- 6.12 Microsemi Corporation
 - 6.12.1 Microsemi Corporation Company Information
 - 6.12.2 Microsemi Corporation Business Overview
 - 6.12.3 Microsemi Corporation Power Electronics for Electric Vehicles Sales, Revenue and Gross Margin (2019-2024)
 - 6.12.4 Microsemi Corporation Power Electronics for Electric Vehicles Product Portfolio
 - 6.12.5 Microsemi Corporation Recent Developments

7 NORTH AMERICA BY COUNTRY

- 7.1 North America Power Electronics for Electric Vehicles Sales by Country
 - 7.1.1 North America Power Electronics for Electric Vehicles Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.1.2 North America Power Electronics for Electric Vehicles Sales by Country (2019-2024)

7.1.3 North America Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030)

7.2 North America Power Electronics for Electric Vehicles Market Size by Country

7.2.1 North America Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America Power Electronics for Electric Vehicles Market Size by Country (2019-2024)

7.2.3 North America Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030)

8 EUROPE BY COUNTRY

8.1 Europe Power Electronics for Electric Vehicles Sales by Country

8.1.1 Europe Power Electronics for Electric Vehicles Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Power Electronics for Electric Vehicles Sales by Country (2019-2024)

8.1.3 Europe Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030)

8.2 Europe Power Electronics for Electric Vehicles Market Size by Country

8.2.1 Europe Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Power Electronics for Electric Vehicles Market Size by Country (2019-2024)

8.2.3 Europe Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific Power Electronics for Electric Vehicles Sales by Country

9.1.1 Asia-Pacific Power Electronics for Electric Vehicles Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Power Electronics for Electric Vehicles Sales by Country (2019-2024)

9.1.3 Asia-Pacific Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific Power Electronics for Electric Vehicles Market Size by Country

9.2.1 Asia-Pacific Power Electronics for Electric Vehicles Market Size Growth Rate

(CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Power Electronics for Electric Vehicles Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America Power Electronics for Electric Vehicles Sales by Country

10.1.1 Latin America Power Electronics for Electric Vehicles Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Power Electronics for Electric Vehicles Sales by Country (2019-2024)

10.1.3 Latin America Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030)

10.2 Latin America Power Electronics for Electric Vehicles Market Size by Country

10.2.1 Latin America Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Power Electronics for Electric Vehicles Market Size by Country (2019-2024)

10.2.3 Latin America Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa Power Electronics for Electric Vehicles Sales by Country

11.1.1 Middle East and Africa Power Electronics for Electric Vehicles Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Power Electronics for Electric Vehicles Sales by Country (2019-2024)

11.1.3 Middle East and Africa Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa Power Electronics for Electric Vehicles Market Size by Country

11.2.1 Middle East and Africa Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa Power Electronics for Electric Vehicles Market Size by Country (2019-2024)

11.2.3 Middle East and Africa Power Electronics for Electric Vehicles Market Size

Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

12.1 Power Electronics for Electric Vehicles Value Chain Analysis

12.1.1 Power Electronics for Electric Vehicles Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Power Electronics for Electric Vehicles Production Mode & Process

12.2 Power Electronics for Electric Vehicles Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Power Electronics for Electric Vehicles Distributors

12.2.3 Power Electronics for Electric Vehicles Customers

13 CONCLUDING INSIGHTS

14 APPENDIX

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Major Company of Power IC

Table 2. Major Company of Power Module

Table 3. Major Company of Power Discrete

Table 4. Global Power Electronics for Electric Vehicles Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Table 5. Global Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (K Units)

Table 6. Global Power Electronics for Electric Vehicles Sales Market Share in Volume by Type (2019-2024)

Table 7. Global Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (US\$ Million)

Table 8. Global Power Electronics for Electric Vehicles Sales Market Share in Value by Type (2019-2024)

Table 9. Global Power Electronics for Electric Vehicles Price by Type (2019-2024) & (USD/Unit)

Table 10. Global Power Electronics for Electric Vehicles Sales by Type (2025-2030) & (K Units)

Table 11. Global Power Electronics for Electric Vehicles Sales Market Share in Volume by Type (2025-2030)

Table 12. Global Power Electronics for Electric Vehicles Sales by Type (2025-2030) & (US\$ Million)

Table 13. Global Power Electronics for Electric Vehicles Sales Market Share in Value by Type (2025-2030)

Table 14. Global Power Electronics for Electric Vehicles Price by Type (2025-2030) & (USD/Unit)

Table 15. North America Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (K Units)

Table 16. North America Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (US\$ Million)

Table 17. Europe Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (K Units)

Table 18. Europe Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (US\$ Million)

Table 19. Asia-Pacific Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (K Units)

- Table 20. Asia-Pacific Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (US\$ Million)
- Table 21. Latin America Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (K Units)
- Table 22. Latin America Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (US\$ Million)
- Table 23. Middle East and Africa Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (K Units)
- Table 24. Middle East and Africa Power Electronics for Electric Vehicles Sales by Type (2019-2024) & (US\$ Million)
- Table 25. Power Electronics for Electric Vehicles Industry Trends
- Table 26. Power Electronics for Electric Vehicles Industry Drivers
- Table 27. Power Electronics for Electric Vehicles Industry Opportunities and Challenges
- Table 28. Power Electronics for Electric Vehicles Industry Restraints
- Table 29. Global Power Electronics for Electric Vehicles Sales Revenue by Company (US\$ Million) & (2019-2024)
- Table 30. Global Power Electronics for Electric Vehicles Revenue Market Share by Company (2019-2024)
- Table 31. Global Power Electronics for Electric Vehicles Sales by Company (2019-2024) & (K Units)
- Table 32. Global Power Electronics for Electric Vehicles Sales Share by Company (2019-2024)
- Table 33. Global Power Electronics for Electric Vehicles Market Price by Company (2019-2024) & (USD/Unit)
- Table 34. Global Power Electronics for Electric Vehicles Industry Company Ranking, 2022 VS 2023 VS 2024
- Table 35. Global Power Electronics for Electric Vehicles Key Company Manufacturing Sites & Headquarters
- Table 36. Global Power Electronics for Electric Vehicles Company, Product Type & Application
- Table 37. Global Power Electronics for Electric Vehicles Company Commercialization Time
- Table 38. Global Company Market Concentration Ratio (CR5 and HHI)
- Table 39. Global Power Electronics for Electric Vehicles by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)
- Table 40. Global Power Electronics for Electric Vehicles Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030
- Table 41. Global Power Electronics for Electric Vehicles Sales by Region (2019-2024) & (K Units)

- Table 42. Global Power Electronics for Electric Vehicles Sales Market Share in Volume by Region (2019-2024)
- Table 43. Global Power Electronics for Electric Vehicles Sales by Region (2019-2024) & (US\$ Million)
- Table 44. Global Power Electronics for Electric Vehicles Sales Market Share in Value by Region (2019-2024)
- Table 45. Global Power Electronics for Electric Vehicles Sales (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Global Power Electronics for Electric Vehicles Sales by Region (2025-2030) & (K Units)
- Table 47. Global Power Electronics for Electric Vehicles Sales Market Share in Volume by Region (2025-2030)
- Table 48. Global Power Electronics for Electric Vehicles Sales by Region (2025-2030) & (US\$ Million)
- Table 49. Global Power Electronics for Electric Vehicles Sales Market Share in Value by Region (2025-2030)
- Table 50. Global Power Electronics for Electric Vehicles Sales (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2025-2030)
- Table 51. Global Power Electronics for Electric Vehicles Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 52. Global Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (K Units)
- Table 53. Global Power Electronics for Electric Vehicles Sales Market Share in Volume by Application (2019-2024)
- Table 54. Global Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (US\$ Million)
- Table 55. Global Power Electronics for Electric Vehicles Sales Market Share in Value by Application (2019-2024)
- Table 56. Global Power Electronics for Electric Vehicles Price by Application (2019-2024) & (USD/Unit)
- Table 57. Global Power Electronics for Electric Vehicles Sales by Application (2025-2030) & (K Units)
- Table 58. Global Power Electronics for Electric Vehicles Sales Market Share in Volume by Application (2025-2030)
- Table 59. Global Power Electronics for Electric Vehicles Sales by Application (2025-2030) & (US\$ Million)
- Table 60. Global Power Electronics for Electric Vehicles Sales Market Share in Value by Application (2025-2030)
- Table 61. Global Power Electronics for Electric Vehicles Price by Application

(2025-2030) & (USD/Unit)

Table 62. North America Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (K Units)

Table 63. North America Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (US\$ Million)

Table 64. Europe Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (K Units)

Table 65. Europe Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (US\$ Million)

Table 66. Asia-Pacific Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (K Units)

Table 67. Asia-Pacific Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (US\$ Million)

Table 68. Latin America Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (K Units)

Table 69. Latin America Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (US\$ Million)

Table 70. Middle East and Africa Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (K Units)

Table 71. Middle East and Africa Power Electronics for Electric Vehicles Sales by Application (2019-2024) & (US\$ Million)

Table 72. Infineon Technologies Company Information

Table 73. Infineon Technologies Business Overview

Table 74. Infineon Technologies Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 75. Infineon Technologies Power Electronics for Electric Vehicles Product Portfolio

Table 76. Infineon Technologies Recent Development

Table 77. Mitsubishi Electric Company Information

Table 78. Mitsubishi Electric Business Overview

Table 79. Mitsubishi Electric Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 80. Mitsubishi Electric Power Electronics for Electric Vehicles Product Portfolio

Table 81. Mitsubishi Electric Recent Development

Table 82. Fuji Electric Company Information

Table 83. Fuji Electric Business Overview

Table 84. Fuji Electric Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 85. Fuji Electric Power Electronics for Electric Vehicles Product Portfolio

- Table 86. Fuji Electric Recent Development
- Table 87. SEMIKRON Company Information
- Table 88. SEMIKRON Business Overview
- Table 89. SEMIKRON Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 90. SEMIKRON Power Electronics for Electric Vehicles Product Portfolio
- Table 91. SEMIKRON Recent Development
- Table 92. ON Semiconductor Company Information
- Table 93. ON Semiconductor Business Overview
- Table 94. ON Semiconductor Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 95. ON Semiconductor Power Electronics for Electric Vehicles Product Portfolio
- Table 96. ON Semiconductor Recent Development
- Table 97. Renesas Electronics Company Information
- Table 98. Renesas Electronics Business Overview
- Table 99. Renesas Electronics Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 100. Renesas Electronics Power Electronics for Electric Vehicles Product Portfolio
- Table 101. Renesas Electronics Recent Development
- Table 102. Vishay Intertechnology Company Information
- Table 103. Vishay Intertechnology Business Overview
- Table 104. Vishay Intertechnology Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 105. Vishay Intertechnology Power Electronics for Electric Vehicles Product Portfolio
- Table 106. Vishay Intertechnology Recent Development
- Table 107. Texas Instruments Company Information
- Table 108. Texas Instruments Business Overview
- Table 109. Texas Instruments Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 110. Texas Instruments Power Electronics for Electric Vehicles Product Portfolio
- Table 111. Texas Instruments Recent Development
- Table 112. Toshiba Company Information
- Table 113. Toshiba Business Overview
- Table 114. Toshiba Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 115. Toshiba Power Electronics for Electric Vehicles Product Portfolio
- Table 116. Toshiba Recent Development

- Table 117. Stmicroelectronics Company Information
- Table 118. Stmicroelectronics Business Overview
- Table 119. Stmicroelectronics Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 120. Stmicroelectronics Power Electronics for Electric Vehicles Product Portfolio
- Table 121. Stmicroelectronics Recent Development
- Table 122. NXP Semiconductors Company Information
- Table 123. NXP Semiconductors Business Overview
- Table 124. NXP Semiconductors Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 125. NXP Semiconductors Power Electronics for Electric Vehicles Product Portfolio
- Table 126. NXP Semiconductors Recent Development
- Table 127. Microsemi Corporation Company Information
- Table 128. Microsemi Corporation Business Overview
- Table 129. Microsemi Corporation Power Electronics for Electric Vehicles Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 130. Microsemi Corporation Power Electronics for Electric Vehicles Product Portfolio
- Table 131. Microsemi Corporation Recent Development
- Table 132. North America Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030
- Table 133. North America Power Electronics for Electric Vehicles Sales by Country (2019-2024) & (K Units)
- Table 134. North America Power Electronics for Electric Vehicles Sales Market Share by Country (2019-2024)
- Table 135. North America Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030) & (K Units)
- Table 136. North America Power Electronics for Electric Vehicles Sales Market Share Forecast by Country (2025-2030)
- Table 137. North America Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030
- Table 138. North America Power Electronics for Electric Vehicles Market Size by Country (2019-2024) & (US\$ Million)
- Table 139. North America Power Electronics for Electric Vehicles Market Share by Country (2019-2024)
- Table 140. North America Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030) & (US\$ Million)
- Table 141. North America Power Electronics for Electric Vehicles Market Share

Forecast by Country (2025-2030)

Table 142. Europe Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 143. Europe Power Electronics for Electric Vehicles Sales by Country (2019-2024) & (K Units)

Table 144. Europe Power Electronics for Electric Vehicles Sales Market Share by Country (2019-2024)

Table 145. Europe Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030) & (K Units)

Table 146. Europe Power Electronics for Electric Vehicles Sales Market Share Forecast by Country (2025-2030)

Table 147. Europe Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 148. Europe Power Electronics for Electric Vehicles Market Size by Country (2019-2024) & (US\$ Million)

Table 149. Europe Power Electronics for Electric Vehicles Market Share by Country (2019-2024)

Table 150. Europe Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 151. Europe Power Electronics for Electric Vehicles Market Share Forecast by Country (2025-2030)

Table 152. Asia-Pacific Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 153. Asia-Pacific Power Electronics for Electric Vehicles Sales by Country (2019-2024) & (K Units)

Table 154. Asia-Pacific Power Electronics for Electric Vehicles Sales Market Share by Country (2019-2024)

Table 155. Asia-Pacific Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030) & (K Units)

Table 156. Asia-Pacific Power Electronics for Electric Vehicles Sales Market Share Forecast by Country (2025-2030)

Table 157. Asia-Pacific Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 158. Asia-Pacific Power Electronics for Electric Vehicles Market Size by Country (2019-2024) & (US\$ Million)

Table 159. Asia-Pacific Power Electronics for Electric Vehicles Market Share by Country (2019-2024)

Table 160. Asia-Pacific Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 161. Asia-Pacific Power Electronics for Electric Vehicles Market Share Forecast by Country (2025-2030)

Table 162. Latin America Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 163. Latin America Power Electronics for Electric Vehicles Sales by Country (2019-2024) & (K Units)

Table 164. Latin America Power Electronics for Electric Vehicles Sales Market Share by Country (2019-2024)

Table 165. Latin America Power Electronics for Electric Vehicles Sales Forecast by Country (2025-2030) & (K Units)

Table 166. Latin America Power Electronics for Electric Vehicles Sales Market Share Forecast by Country (2025-2030)

Table 167. Latin America Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 168. Latin America Power Electronics for Electric Vehicles Market Size by Country (2019-2024) & (US\$ Million)

Table 169. Latin America Power Electronics for Electric Vehicles Market Share by Country (2019-2024)

Table 170. Latin America Power Electronics for Electric Vehicles Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 171. Latin America Power Electronics for Electric Vehicles Market Share Forecast by Country (2025-2030)

Table 172. Middle East and Africa Power Electronics for Electric Vehicles Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 173. Middle East and Africa Power Electronics for Electric Vehicles Sales by Country (2019-2024) & (K Units)

Table 174. Middle East and Africa Power Electronics for Electric Vehicles Sales Market Share by Country (2019-2024)

Table 175. Middle East and Africa Power Electronics for Electric Vehicles Sales Forecast by Country

I would like to order

Product name: Global Power Electronics for Electric Vehicles Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: <https://marketpublishers.com/r/GE53C9764964EN.html>

Price: US\$ 3,450.00 (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/GE53C9764964EN.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

