

Global Current Sensors for Electric Vehicles Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Current Sensors for Electric Vehicles market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

Global EV sales continued strong. A total of 10,5 million new BEVs and PHEVs were delivered during 2022, an increase of +55 % compared to 2021. China and Europe emerged as the main drivers of strong growth in global EV sales. In 2022, the production and sales of new energy vehicles in China reach 7.0 million and 6.8 million respectively, a year-on-year increase of 96.9% and 93.4%, with a market share of 25.6%. The production and sales of new energy vehicles have ranked first in the world for eight consecutive years. Among them, the sales volume of pure electric vehicles was 5.365 million, a year-on-year increase of 81.6%. In 2022, sales of pure electric vehicles in Europe will increase by 29% year-on-year to 1.58 million.

This report is a detailed and comprehensive analysis for global Current Sensors for Electric Vehicles market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Current Sensors for Electric Vehicles market size and forecasts, in consumption

value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Current Sensors for Electric Vehicles market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Current Sensors for Electric Vehicles market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Current Sensors for Electric Vehicles market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Current Sensors for Electric Vehicles
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Current Sensors for Electric Vehicles market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include LEM Holding SA, Allegro Microsystems, LLC, Melexis NV, TDK Micronas, Honeywell International Inc., Robert Bosch GmbH, DENSO, Continental, Kohshin Electric Corporation, Infineon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Current Sensors for Electric Vehicles market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hall Based Current Sensor

Shunt Based Current Sensor

TMR Sensor

Market segment by Application

BEV

HEV and PHEV

Major players covered

LEM Holding SA

Allegro Microsystems, LLC

Melexis NV

TDK Micronas

Honeywell International Inc.

Robert Bosch GmbH

DENSO

Continental

Kohshin Electric Corporation

Infineon

Nicera

BYD

CRRC

Sinomags Electrical

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Current Sensors for Electric Vehicles product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Current Sensors for Electric Vehicles, with price, sales quantity, revenue, and global market share of Current Sensors for Electric Vehicles from 2020 to 2025.

Chapter 3, the Current Sensors for Electric Vehicles competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Current Sensors for Electric Vehicles breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Current Sensors for Electric Vehicles market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Current Sensors for Electric Vehicles.

Chapter 14 and 15, to describe Current Sensors for Electric Vehicles sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Current Sensors for Electric Vehicles Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Hall Based Current Sensor

1.3.3 Shunt Based Current Sensor

1.3.4 TMR Sensor

1.4 Market Analysis by Application

1.4.1 Overview: Global Current Sensors for Electric Vehicles Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 BEV

1.4.3 HEV and PHEV

1.5 Global Current Sensors for Electric Vehicles Market Size & Forecast

1.5.1 Global Current Sensors for Electric Vehicles Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Current Sensors for Electric Vehicles Sales Quantity (2020-2031)

1.5.3 Global Current Sensors for Electric Vehicles Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 LEM Holding SA

2.1.1 LEM Holding SA Details

2.1.2 LEM Holding SA Major Business

2.1.3 LEM Holding SA Current Sensors for Electric Vehicles Product and Services

2.1.4 LEM Holding SA Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 LEM Holding SA Recent Developments/Updates

2.2 Allegro Microsystems, LLC

2.2.1 Allegro Microsystems, LLC Details

2.2.2 Allegro Microsystems, LLC Major Business

2.2.3 Allegro Microsystems, LLC Current Sensors for Electric Vehicles Product and Services

2.2.4 Allegro Microsystems, LLC Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Allegro Microsystems, LLC Recent Developments/Updates

2.3 Melexis NV

2.3.1 Melexis NV Details

2.3.2 Melexis NV Major Business

2.3.3 Melexis NV Current Sensors for Electric Vehicles Product and Services

2.3.4 Melexis NV Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Melexis NV Recent Developments/Updates

2.4 TDK Micronas

2.4.1 TDK Micronas Details

2.4.2 TDK Micronas Major Business

2.4.3 TDK Micronas Current Sensors for Electric Vehicles Product and Services

2.4.4 TDK Micronas Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 TDK Micronas Recent Developments/Updates

2.5 Honeywell International Inc.

2.5.1 Honeywell International Inc. Details

2.5.2 Honeywell International Inc. Major Business

2.5.3 Honeywell International Inc. Current Sensors for Electric Vehicles Product and Services

2.5.4 Honeywell International Inc. Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Honeywell International Inc. Recent Developments/Updates

2.6 Robert Bosch GmbH

2.6.1 Robert Bosch GmbH Details

2.6.2 Robert Bosch GmbH Major Business

2.6.3 Robert Bosch GmbH Current Sensors for Electric Vehicles Product and Services

2.6.4 Robert Bosch GmbH Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Robert Bosch GmbH Recent Developments/Updates

2.7 DENSO

2.7.1 DENSO Details

2.7.2 DENSO Major Business

2.7.3 DENSO Current Sensors for Electric Vehicles Product and Services

2.7.4 DENSO Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 DENSO Recent Developments/Updates

2.8 Continental

2.8.1 Continental Details

- 2.8.2 Continental Major Business
- 2.8.3 Continental Current Sensors for Electric Vehicles Product and Services
- 2.8.4 Continental Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Continental Recent Developments/Updates
- 2.9 Kohshin Electric Corporation
 - 2.9.1 Kohshin Electric Corporation Details
 - 2.9.2 Kohshin Electric Corporation Major Business
 - 2.9.3 Kohshin Electric Corporation Current Sensors for Electric Vehicles Product and Services
 - 2.9.4 Kohshin Electric Corporation Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Kohshin Electric Corporation Recent Developments/Updates
- 2.10 Infineon
 - 2.10.1 Infineon Details
 - 2.10.2 Infineon Major Business
 - 2.10.3 Infineon Current Sensors for Electric Vehicles Product and Services
 - 2.10.4 Infineon Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Infineon Recent Developments/Updates
- 2.11 Nicera
 - 2.11.1 Nicera Details
 - 2.11.2 Nicera Major Business
 - 2.11.3 Nicera Current Sensors for Electric Vehicles Product and Services
 - 2.11.4 Nicera Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Nicera Recent Developments/Updates
- 2.12 BYD
 - 2.12.1 BYD Details
 - 2.12.2 BYD Major Business
 - 2.12.3 BYD Current Sensors for Electric Vehicles Product and Services
 - 2.12.4 BYD Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 BYD Recent Developments/Updates
- 2.13 CRRC
 - 2.13.1 CRRC Details
 - 2.13.2 CRRC Major Business
 - 2.13.3 CRRC Current Sensors for Electric Vehicles Product and Services
 - 2.13.4 CRRC Current Sensors for Electric Vehicles Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 CRRC Recent Developments/Updates

2.14 Sinomags Electrical

2.14.1 Sinomags Electrical Details

2.14.2 Sinomags Electrical Major Business

2.14.3 Sinomags Electrical Current Sensors for Electric Vehicles Product and Services

2.14.4 Sinomags Electrical Current Sensors for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Sinomags Electrical Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: CURRENT SENSORS FOR ELECTRIC VEHICLES BY MANUFACTURER

3.1 Global Current Sensors for Electric Vehicles Sales Quantity by Manufacturer (2020-2025)

3.2 Global Current Sensors for Electric Vehicles Revenue by Manufacturer (2020-2025)

3.3 Global Current Sensors for Electric Vehicles Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Current Sensors for Electric Vehicles by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Current Sensors for Electric Vehicles Manufacturer Market Share in 2024

3.4.3 Top 6 Current Sensors for Electric Vehicles Manufacturer Market Share in 2024

3.5 Current Sensors for Electric Vehicles Market: Overall Company Footprint Analysis

3.5.1 Current Sensors for Electric Vehicles Market: Region Footprint

3.5.2 Current Sensors for Electric Vehicles Market: Company Product Type Footprint

3.5.3 Current Sensors for Electric Vehicles Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Current Sensors for Electric Vehicles Market Size by Region

4.1.1 Global Current Sensors for Electric Vehicles Sales Quantity by Region (2020-2031)

4.1.2 Global Current Sensors for Electric Vehicles Consumption Value by Region (2020-2031)

4.1.3 Global Current Sensors for Electric Vehicles Average Price by Region

(2020-2031)

4.2 North America Current Sensors for Electric Vehicles Consumption Value

(2020-2031)

4.3 Europe Current Sensors for Electric Vehicles Consumption Value (2020-2031)

4.4 Asia-Pacific Current Sensors for Electric Vehicles Consumption Value (2020-2031)

4.5 South America Current Sensors for Electric Vehicles Consumption Value

(2020-2031)

4.6 Middle East & Africa Current Sensors for Electric Vehicles Consumption Value

(2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2031)

5.2 Global Current Sensors for Electric Vehicles Consumption Value by Type
(2020-2031)

5.3 Global Current Sensors for Electric Vehicles Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Current Sensors for Electric Vehicles Sales Quantity by Application
(2020-2031)

6.2 Global Current Sensors for Electric Vehicles Consumption Value by Application
(2020-2031)

6.3 Global Current Sensors for Electric Vehicles Average Price by Application
(2020-2031)

7 NORTH AMERICA

7.1 North America Current Sensors for Electric Vehicles Sales Quantity by Type
(2020-2031)

7.2 North America Current Sensors for Electric Vehicles Sales Quantity by Application
(2020-2031)

7.3 North America Current Sensors for Electric Vehicles Market Size by Country

7.3.1 North America Current Sensors for Electric Vehicles Sales Quantity by Country
(2020-2031)

7.3.2 North America Current Sensors for Electric Vehicles Consumption Value by
Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2031)

8.2 Europe Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2031)

8.3 Europe Current Sensors for Electric Vehicles Market Size by Country

8.3.1 Europe Current Sensors for Electric Vehicles Sales Quantity by Country (2020-2031)

8.3.2 Europe Current Sensors for Electric Vehicles Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Current Sensors for Electric Vehicles Market Size by Region

9.3.1 Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Current Sensors for Electric Vehicles Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Current Sensors for Electric Vehicles Sales Quantity by Type

(2020-2031)

10.2 South America Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2031)

10.3 South America Current Sensors for Electric Vehicles Market Size by Country

10.3.1 South America Current Sensors for Electric Vehicles Sales Quantity by Country (2020-2031)

10.3.2 South America Current Sensors for Electric Vehicles Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Current Sensors for Electric Vehicles Market Size by Country

11.3.1 Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Current Sensors for Electric Vehicles Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Current Sensors for Electric Vehicles Market Drivers

12.2 Current Sensors for Electric Vehicles Market Restraints

12.3 Current Sensors for Electric Vehicles Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Current Sensors for Electric Vehicles and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Current Sensors for Electric Vehicles
- 13.3 Current Sensors for Electric Vehicles Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Current Sensors for Electric Vehicles Typical Distributors
- 14.3 Current Sensors for Electric Vehicles Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Current Sensors for Electric Vehicles Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Current Sensors for Electric Vehicles Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. LEM Holding SA Basic Information, Manufacturing Base and Competitors

Table 4. LEM Holding SA Major Business

Table 5. LEM Holding SA Current Sensors for Electric Vehicles Product and Services

Table 6. LEM Holding SA Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. LEM Holding SA Recent Developments/Updates

Table 8. Allegro Microsystems, LLC Basic Information, Manufacturing Base and Competitors

Table 9. Allegro Microsystems, LLC Major Business

Table 10. Allegro Microsystems, LLC Current Sensors for Electric Vehicles Product and Services

Table 11. Allegro Microsystems, LLC Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Allegro Microsystems, LLC Recent Developments/Updates

Table 13. Melexis NV Basic Information, Manufacturing Base and Competitors

Table 14. Melexis NV Major Business

Table 15. Melexis NV Current Sensors for Electric Vehicles Product and Services

Table 16. Melexis NV Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Melexis NV Recent Developments/Updates

Table 18. TDK Micronas Basic Information, Manufacturing Base and Competitors

Table 19. TDK Micronas Major Business

Table 20. TDK Micronas Current Sensors for Electric Vehicles Product and Services

Table 21. TDK Micronas Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. TDK Micronas Recent Developments/Updates

Table 23. Honeywell International Inc. Basic Information, Manufacturing Base and

Competitors

Table 24. Honeywell International Inc. Major Business

Table 25. Honeywell International Inc. Current Sensors for Electric Vehicles Product and Services

Table 26. Honeywell International Inc. Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Honeywell International Inc. Recent Developments/Updates

Table 28. Robert Bosch GmbH Basic Information, Manufacturing Base and Competitors

Table 29. Robert Bosch GmbH Major Business

Table 30. Robert Bosch GmbH Current Sensors for Electric Vehicles Product and Services

Table 31. Robert Bosch GmbH Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Robert Bosch GmbH Recent Developments/Updates

Table 33. DENSO Basic Information, Manufacturing Base and Competitors

Table 34. DENSO Major Business

Table 35. DENSO Current Sensors for Electric Vehicles Product and Services

Table 36. DENSO Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. DENSO Recent Developments/Updates

Table 38. Continental Basic Information, Manufacturing Base and Competitors

Table 39. Continental Major Business

Table 40. Continental Current Sensors for Electric Vehicles Product and Services

Table 41. Continental Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Continental Recent Developments/Updates

Table 43. Kohshin Electric Corporation Basic Information, Manufacturing Base and Competitors

Table 44. Kohshin Electric Corporation Major Business

Table 45. Kohshin Electric Corporation Current Sensors for Electric Vehicles Product and Services

Table 46. Kohshin Electric Corporation Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Kohshin Electric Corporation Recent Developments/Updates

Table 48. Infineon Basic Information, Manufacturing Base and Competitors
Table 49. Infineon Major Business
Table 50. Infineon Current Sensors for Electric Vehicles Product and Services
Table 51. Infineon Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 52. Infineon Recent Developments/Updates
Table 53. Nicera Basic Information, Manufacturing Base and Competitors
Table 54. Nicera Major Business
Table 55. Nicera Current Sensors for Electric Vehicles Product and Services
Table 56. Nicera Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 57. Nicera Recent Developments/Updates
Table 58. BYD Basic Information, Manufacturing Base and Competitors
Table 59. BYD Major Business
Table 60. BYD Current Sensors for Electric Vehicles Product and Services
Table 61. BYD Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 62. BYD Recent Developments/Updates
Table 63. CRRC Basic Information, Manufacturing Base and Competitors
Table 64. CRRC Major Business
Table 65. CRRC Current Sensors for Electric Vehicles Product and Services
Table 66. CRRC Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 67. CRRC Recent Developments/Updates
Table 68. Sinomags Electrical Basic Information, Manufacturing Base and Competitors
Table 69. Sinomags Electrical Major Business
Table 70. Sinomags Electrical Current Sensors for Electric Vehicles Product and Services
Table 71. Sinomags Electrical Current Sensors for Electric Vehicles Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 72. Sinomags Electrical Recent Developments/Updates
Table 73. Global Current Sensors for Electric Vehicles Sales Quantity by Manufacturer (2020-2025) & (K Units)
Table 74. Global Current Sensors for Electric Vehicles Revenue by Manufacturer (2020-2025) & (USD Million)

Table 75. Global Current Sensors for Electric Vehicles Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 76. Market Position of Manufacturers in Current Sensors for Electric Vehicles, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 77. Head Office and Current Sensors for Electric Vehicles Production Site of Key Manufacturer

Table 78. Current Sensors for Electric Vehicles Market: Company Product Type Footprint

Table 79. Current Sensors for Electric Vehicles Market: Company Product Application Footprint

Table 80. Current Sensors for Electric Vehicles New Market Entrants and Barriers to Market Entry

Table 81. Current Sensors for Electric Vehicles Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Current Sensors for Electric Vehicles Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 83. Global Current Sensors for Electric Vehicles Sales Quantity by Region (2020-2025) & (K Units)

Table 84. Global Current Sensors for Electric Vehicles Sales Quantity by Region (2026-2031) & (K Units)

Table 85. Global Current Sensors for Electric Vehicles Consumption Value by Region (2020-2025) & (USD Million)

Table 86. Global Current Sensors for Electric Vehicles Consumption Value by Region (2026-2031) & (USD Million)

Table 87. Global Current Sensors for Electric Vehicles Average Price by Region (2020-2025) & (US\$/Unit)

Table 88. Global Current Sensors for Electric Vehicles Average Price by Region (2026-2031) & (US\$/Unit)

Table 89. Global Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2025) & (K Units)

Table 90. Global Current Sensors for Electric Vehicles Sales Quantity by Type (2026-2031) & (K Units)

Table 91. Global Current Sensors for Electric Vehicles Consumption Value by Type (2020-2025) & (USD Million)

Table 92. Global Current Sensors for Electric Vehicles Consumption Value by Type (2026-2031) & (USD Million)

Table 93. Global Current Sensors for Electric Vehicles Average Price by Type (2020-2025) & (US\$/Unit)

Table 94. Global Current Sensors for Electric Vehicles Average Price by Type

(2026-2031) & (US\$/Unit)

Table 95. Global Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2025) & (K Units)

Table 96. Global Current Sensors for Electric Vehicles Sales Quantity by Application (2026-2031) & (K Units)

Table 97. Global Current Sensors for Electric Vehicles Consumption Value by Application (2020-2025) & (USD Million)

Table 98. Global Current Sensors for Electric Vehicles Consumption Value by Application (2026-2031) & (USD Million)

Table 99. Global Current Sensors for Electric Vehicles Average Price by Application (2020-2025) & (US\$/Unit)

Table 100. Global Current Sensors for Electric Vehicles Average Price by Application (2026-2031) & (US\$/Unit)

Table 101. North America Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2025) & (K Units)

Table 102. North America Current Sensors for Electric Vehicles Sales Quantity by Type (2026-2031) & (K Units)

Table 103. North America Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2025) & (K Units)

Table 104. North America Current Sensors for Electric Vehicles Sales Quantity by Application (2026-2031) & (K Units)

Table 105. North America Current Sensors for Electric Vehicles Sales Quantity by Country (2020-2025) & (K Units)

Table 106. North America Current Sensors for Electric Vehicles Sales Quantity by Country (2026-2031) & (K Units)

Table 107. North America Current Sensors for Electric Vehicles Consumption Value by Country (2020-2025) & (USD Million)

Table 108. North America Current Sensors for Electric Vehicles Consumption Value by Country (2026-2031) & (USD Million)

Table 109. Europe Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2025) & (K Units)

Table 110. Europe Current Sensors for Electric Vehicles Sales Quantity by Type (2026-2031) & (K Units)

Table 111. Europe Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2025) & (K Units)

Table 112. Europe Current Sensors for Electric Vehicles Sales Quantity by Application (2026-2031) & (K Units)

Table 113. Europe Current Sensors for Electric Vehicles Sales Quantity by Country (2020-2025) & (K Units)

Table 114. Europe Current Sensors for Electric Vehicles Sales Quantity by Country (2026-2031) & (K Units)

Table 115. Europe Current Sensors for Electric Vehicles Consumption Value by Country (2020-2025) & (USD Million)

Table 116. Europe Current Sensors for Electric Vehicles Consumption Value by Country (2026-2031) & (USD Million)

Table 117. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2025) & (K Units)

Table 118. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Type (2026-2031) & (K Units)

Table 119. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2025) & (K Units)

Table 120. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Application (2026-2031) & (K Units)

Table 121. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Region (2020-2025) & (K Units)

Table 122. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity by Region (2026-2031) & (K Units)

Table 123. Asia-Pacific Current Sensors for Electric Vehicles Consumption Value by Region (2020-2025) & (USD Million)

Table 124. Asia-Pacific Current Sensors for Electric Vehicles Consumption Value by Region (2026-2031) & (USD Million)

Table 125. South America Current Sensors for Electric Vehicles Sales Quantity by Type (2020-2025) & (K Units)

Table 126. South America Current Sensors for Electric Vehicles Sales Quantity by Type (2026-2031) & (K Units)

Table 127. South America Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2025) & (K Units)

Table 128. South America Current Sensors for Electric Vehicles Sales Quantity by Application (2026-2031) & (K Units)

Table 129. South America Current Sensors for Electric Vehicles Sales Quantity by Country (2020-2025) & (K Units)

Table 130. South America Current Sensors for Electric Vehicles Sales Quantity by Country (2026-2031) & (K Units)

Table 131. South America Current Sensors for Electric Vehicles Consumption Value by Country (2020-2025) & (USD Million)

Table 132. South America Current Sensors for Electric Vehicles Consumption Value by Country (2026-2031) & (USD Million)

Table 133. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by

Type (2020-2025) & (K Units)

Table 134. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Type (2026-2031) & (K Units)

Table 135. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Application (2020-2025) & (K Units)

Table 136. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Application (2026-2031) & (K Units)

Table 137. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Country (2020-2025) & (K Units)

Table 138. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity by Country (2026-2031) & (K Units)

Table 139. Middle East & Africa Current Sensors for Electric Vehicles Consumption Value by Country (2020-2025) & (USD Million)

Table 140. Middle East & Africa Current Sensors for Electric Vehicles Consumption Value by Country (2026-2031) & (USD Million)

Table 141. Current Sensors for Electric Vehicles Raw Material

Table 142. Key Manufacturers of Current Sensors for Electric Vehicles Raw Materials

Table 143. Current Sensors for Electric Vehicles Typical Distributors

Table 144. Current Sensors for Electric Vehicles Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Current Sensors for Electric Vehicles Picture
- Figure 2. Global Current Sensors for Electric Vehicles Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Current Sensors for Electric Vehicles Revenue Market Share by Type in 2024
- Figure 4. Hall Based Current Sensor Examples
- Figure 5. Shunt Based Current Sensor Examples
- Figure 6. TMR Sensor Examples
- Figure 7. Global Current Sensors for Electric Vehicles Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Current Sensors for Electric Vehicles Revenue Market Share by Application in 2024
- Figure 9. BEV Examples
- Figure 10. HEV and PHEV Examples
- Figure 11. Global Current Sensors for Electric Vehicles Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 12. Global Current Sensors for Electric Vehicles Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 13. Global Current Sensors for Electric Vehicles Sales Quantity (2020-2031) & (K Units)
- Figure 14. Global Current Sensors for Electric Vehicles Price (2020-2031) & (US\$/Unit)
- Figure 15. Global Current Sensors for Electric Vehicles Sales Quantity Market Share by Manufacturer in 2024
- Figure 16. Global Current Sensors for Electric Vehicles Revenue Market Share by Manufacturer in 2024
- Figure 17. Producer Shipments of Current Sensors for Electric Vehicles by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 18. Top 3 Current Sensors for Electric Vehicles Manufacturer (Revenue) Market Share in 2024
- Figure 19. Top 6 Current Sensors for Electric Vehicles Manufacturer (Revenue) Market Share in 2024
- Figure 20. Global Current Sensors for Electric Vehicles Sales Quantity Market Share by Region (2020-2031)
- Figure 21. Global Current Sensors for Electric Vehicles Consumption Value Market Share by Region (2020-2031)

Figure 22. North America Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 23. Europe Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 24. Asia-Pacific Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 25. South America Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 26. Middle East & Africa Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 27. Global Current Sensors for Electric Vehicles Sales Quantity Market Share by Type (2020-2031)

Figure 28. Global Current Sensors for Electric Vehicles Consumption Value Market Share by Type (2020-2031)

Figure 29. Global Current Sensors for Electric Vehicles Average Price by Type (2020-2031) & (US\$/Unit)

Figure 30. Global Current Sensors for Electric Vehicles Sales Quantity Market Share by Application (2020-2031)

Figure 31. Global Current Sensors for Electric Vehicles Revenue Market Share by Application (2020-2031)

Figure 32. Global Current Sensors for Electric Vehicles Average Price by Application (2020-2031) & (US\$/Unit)

Figure 33. North America Current Sensors for Electric Vehicles Sales Quantity Market Share by Type (2020-2031)

Figure 34. North America Current Sensors for Electric Vehicles Sales Quantity Market Share by Application (2020-2031)

Figure 35. North America Current Sensors for Electric Vehicles Sales Quantity Market Share by Country (2020-2031)

Figure 36. North America Current Sensors for Electric Vehicles Consumption Value Market Share by Country (2020-2031)

Figure 37. United States Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 38. Canada Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 39. Mexico Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 40. Europe Current Sensors for Electric Vehicles Sales Quantity Market Share by Type (2020-2031)

Figure 41. Europe Current Sensors for Electric Vehicles Sales Quantity Market Share

by Application (2020-2031)

Figure 42. Europe Current Sensors for Electric Vehicles Sales Quantity Market Share by Country (2020-2031)

Figure 43. Europe Current Sensors for Electric Vehicles Consumption Value Market Share by Country (2020-2031)

Figure 44. Germany Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 45. France Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 46. United Kingdom Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 47. Russia Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 48. Italy Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 49. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity Market Share by Type (2020-2031)

Figure 50. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity Market Share by Application (2020-2031)

Figure 51. Asia-Pacific Current Sensors for Electric Vehicles Sales Quantity Market Share by Region (2020-2031)

Figure 52. Asia-Pacific Current Sensors for Electric Vehicles Consumption Value Market Share by Region (2020-2031)

Figure 53. China Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 54. Japan Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 55. South Korea Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 56. India Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 57. Southeast Asia Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 58. Australia Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 59. South America Current Sensors for Electric Vehicles Sales Quantity Market Share by Type (2020-2031)

Figure 60. South America Current Sensors for Electric Vehicles Sales Quantity Market Share by Application (2020-2031)

Figure 61. South America Current Sensors for Electric Vehicles Sales Quantity Market Share by Country (2020-2031)

Figure 62. South America Current Sensors for Electric Vehicles Consumption Value Market Share by Country (2020-2031)

Figure 63. Brazil Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 64. Argentina Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 65. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity Market Share by Type (2020-2031)

Figure 66. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity Market Share by Application (2020-2031)

Figure 67. Middle East & Africa Current Sensors for Electric Vehicles Sales Quantity Market Share by Country (2020-2031)

Figure 68. Middle East & Africa Current Sensors for Electric Vehicles Consumption Value Market Share by Country (2020-2031)

Figure 69. Turkey Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 70. Egypt Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 71. Saudi Arabia Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 72. South Africa Current Sensors for Electric Vehicles Consumption Value (2020-2031) & (USD Million)

Figure 73. Current Sensors for Electric Vehicles Market Drivers

Figure 74. Current Sensors for Electric Vehicles Market Restraints

Figure 75. Current Sensors for Electric Vehicles Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Current Sensors for Electric Vehicles in 2024

Figure 78. Manufacturing Process Analysis of Current Sensors for Electric Vehicles

Figure 79. Current Sensors for Electric Vehicles Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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