

# Global Current Sensing Module Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Current Sensing Module market size was valued at US\$ 2012 million in 2025 and is forecast to a readjusted size of US\$ 3826 million by 2032 with a CAGR of 9.6% during review period.

Current Sensing Modules are functional modules that integrate current sensing elements (such as Hall-effect sensors, magnetoresistive sensors, shunt resistors, or fluxgate sensing units) with signal conditioning, amplification and isolation circuits, temperature compensation, and interface electronics to accurately measure and monitor AC or DC currents. Delivered in modular form, these products offer high accuracy, fast response, strong reliability, and ease of system integration, and are widely used in new energy vehicles, power supplies and inverters, industrial automation, energy storage systems, and power electronic equipment.

The growth of the current sensing module market is primarily driven by increasing electrification and the rising complexity of power electronic systems. Applications such as new energy vehicles, photovoltaics and energy storage, charging infrastructure, and industrial drives require higher accuracy, safety, and real-time current monitoring, accelerating the transition from discrete sensors to highly integrated modular solutions. At the same time, higher power density increases requirements for electrical isolation, noise immunity, and thermal stability, making module-based solutions more attractive for OEMs seeking consistency, reliability, and faster system integration. In addition, carbon neutrality policies, smart grid development, and the adoption of advanced power semiconductors such as SiC and GaN are further expanding the application scope of high-performance current sensor modules in new energy and advanced industrial markets.

This report is a detailed and comprehensive analysis for global Current Sensing Module 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 Sensing Module market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (K Units), 2021-2032

Global Current Sensing Module market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (K Units), 2021-2032

Global Current Sensing Module market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (K Units), 2021-2032

Global Current Sensing Module market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (K Units), 2021-2026

### **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 Sensing Module
- 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 Sensing Module 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, Honeywell, Sinomags, Pulse Electronics (YAGEO), Kohshin Electric Corporation, Tamura, Littelfuse, Nicera, BYD, Hongfa Technology, etc.

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

## **Market Segmentation**

Current Sensing Module market is split by Type and by Application. For the period 2021-2032, 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 Current Sensor

Shunt Based Current Sensor

xMR Current Sensor

Current Transformer

Fluxgate Current Sensor

Others

### **Market segment by Isolation Type**

Isolated

Non-isolated

### **Market segment by Current Type**

DC

AC

AC/DC

## Market segment by Application

Industrial

Automotive

Commercial

Others

## Major players covered

LEM Holding

Honeywell

Sinomags

Pulse Electronics (YAGEO)

Kohshin Electric Corporation

Tamura

Littelfuse

Nicera

BYD

Hongfa Technology

CRRC

MultiDimension Technology

Innosense

Shanghai Baolong Automotive Corporation

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 Sensing Module product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Current Sensing Module, with price, sales quantity, revenue, and global market share of Current Sensing Module from 2021 to 2026.

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

Chapter 4, the Current Sensing Module breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Current Sensing Module market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Sensing Module.

Chapter 14 and 15, to describe Current Sensing Module 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 Sensing Module Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Hall Current Sensor

1.3.3 Shunt Based Current Sensor

1.3.4 xMR Current Sensor

1.3.5 Current Transformer

1.3.6 Fluxgate Current Sensor

1.3.7 Others

1.4 Market Analysis by Isolation Type

1.4.1 Overview: Global Current Sensing Module Consumption Value by Isolation Type: 2021 Versus 2025 Versus 2032

1.4.2 Isolated

1.4.3 Non-isolated

1.5 Market Analysis by Current Type

1.5.1 Overview: Global Current Sensing Module Consumption Value by Current Type: 2021 Versus 2025 Versus 2032

1.5.2 DC

1.5.3 AC

1.5.4 AC/DC

1.6 Market Analysis by Application

1.6.1 Overview: Global Current Sensing Module Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Industrial

1.6.3 Automotive

1.6.4 Commercial

1.6.5 Others

1.7 Global Current Sensing Module Market Size & Forecast

1.7.1 Global Current Sensing Module Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Current Sensing Module Sales Quantity (2021-2032)

1.7.3 Global Current Sensing Module Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

## 2.1 LEM Holding

### 2.1.1 LEM Holding Details

### 2.1.2 LEM Holding Major Business

### 2.1.3 LEM Holding Current Sensing Module Product and Services

### 2.1.4 LEM Holding Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.1.5 LEM Holding Recent Developments/Updates

## 2.2 Honeywell

### 2.2.1 Honeywell Details

### 2.2.2 Honeywell Major Business

### 2.2.3 Honeywell Current Sensing Module Product and Services

### 2.2.4 Honeywell Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.2.5 Honeywell Recent Developments/Updates

## 2.3 Sinomags

### 2.3.1 Sinomags Details

### 2.3.2 Sinomags Major Business

### 2.3.3 Sinomags Current Sensing Module Product and Services

### 2.3.4 Sinomags Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.3.5 Sinomags Recent Developments/Updates

## 2.4 Pulse Electronics (YAGEO)

### 2.4.1 Pulse Electronics (YAGEO) Details

### 2.4.2 Pulse Electronics (YAGEO) Major Business

### 2.4.3 Pulse Electronics (YAGEO) Current Sensing Module Product and Services

### 2.4.4 Pulse Electronics (YAGEO) Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.4.5 Pulse Electronics (YAGEO) Recent Developments/Updates

## 2.5 Kohshin Electric Corporation

### 2.5.1 Kohshin Electric Corporation Details

### 2.5.2 Kohshin Electric Corporation Major Business

### 2.5.3 Kohshin Electric Corporation Current Sensing Module Product and Services

### 2.5.4 Kohshin Electric Corporation Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.5.5 Kohshin Electric Corporation Recent Developments/Updates

## 2.6 Tamura

### 2.6.1 Tamura Details

### 2.6.2 Tamura Major Business

- 2.6.3 Tamura Current Sensing Module Product and Services
- 2.6.4 Tamura Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.6.5 Tamura Recent Developments/Updates
- 2.7 Littelfuse
  - 2.7.1 Littelfuse Details
  - 2.7.2 Littelfuse Major Business
  - 2.7.3 Littelfuse Current Sensing Module Product and Services
  - 2.7.4 Littelfuse Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.7.5 Littelfuse Recent Developments/Updates
- 2.8 Nicera
  - 2.8.1 Nicera Details
  - 2.8.2 Nicera Major Business
  - 2.8.3 Nicera Current Sensing Module Product and Services
  - 2.8.4 Nicera Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.8.5 Nicera Recent Developments/Updates
- 2.9 BYD
  - 2.9.1 BYD Details
  - 2.9.2 BYD Major Business
  - 2.9.3 BYD Current Sensing Module Product and Services
  - 2.9.4 BYD Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.9.5 BYD Recent Developments/Updates
- 2.10 Hongfa Technology
  - 2.10.1 Hongfa Technology Details
  - 2.10.2 Hongfa Technology Major Business
  - 2.10.3 Hongfa Technology Current Sensing Module Product and Services
  - 2.10.4 Hongfa Technology Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.10.5 Hongfa Technology Recent Developments/Updates
- 2.11 CRRC
  - 2.11.1 CRRC Details
  - 2.11.2 CRRC Major Business
  - 2.11.3 CRRC Current Sensing Module Product and Services
  - 2.11.4 CRRC Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.11.5 CRRC Recent Developments/Updates

## 2.12 MultiDimension Technology

### 2.12.1 MultiDimension Technology Details

### 2.12.2 MultiDimension Technology Major Business

### 2.12.3 MultiDimension Technology Current Sensing Module Product and Services

### 2.12.4 MultiDimension Technology Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.12.5 MultiDimension Technology Recent Developments/Updates

## 2.13 Innosense

### 2.13.1 Innosense Details

### 2.13.2 Innosense Major Business

### 2.13.3 Innosense Current Sensing Module Product and Services

### 2.13.4 Innosense Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.13.5 Innosense Recent Developments/Updates

## 2.14 Shanghai Baolong Automotive Corporation

### 2.14.1 Shanghai Baolong Automotive Corporation Details

### 2.14.2 Shanghai Baolong Automotive Corporation Major Business

### 2.14.3 Shanghai Baolong Automotive Corporation Current Sensing Module Product and Services

### 2.14.4 Shanghai Baolong Automotive Corporation Current Sensing Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.14.5 Shanghai Baolong Automotive Corporation Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: CURRENT SENSING MODULE BY MANUFACTURER**

### 3.1 Global Current Sensing Module Sales Quantity by Manufacturer (2021-2026)

### 3.2 Global Current Sensing Module Revenue by Manufacturer (2021-2026)

### 3.3 Global Current Sensing Module Average Price by Manufacturer (2021-2026)

### 3.4 Market Share Analysis (2025)

#### 3.4.1 Producer Shipments of Current Sensing Module by Manufacturer Revenue (\$MM) and Market Share (%): 2025

#### 3.4.2 Top 3 Current Sensing Module Manufacturer Market Share in 2025

#### 3.4.3 Top 6 Current Sensing Module Manufacturer Market Share in 2025

### 3.5 Current Sensing Module Market: Overall Company Footprint Analysis

#### 3.5.1 Current Sensing Module Market: Region Footprint

#### 3.5.2 Current Sensing Module Market: Company Product Type Footprint

#### 3.5.3 Current Sensing Module 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 Sensing Module Market Size by Region

4.1.1 Global Current Sensing Module Sales Quantity by Region (2021-2032)

4.1.2 Global Current Sensing Module Consumption Value by Region (2021-2032)

4.1.3 Global Current Sensing Module Average Price by Region (2021-2032)

### 4.2 North America Current Sensing Module Consumption Value (2021-2032)

### 4.3 Europe Current Sensing Module Consumption Value (2021-2032)

### 4.4 Asia-Pacific Current Sensing Module Consumption Value (2021-2032)

### 4.5 South America Current Sensing Module Consumption Value (2021-2032)

### 4.6 Middle East & Africa Current Sensing Module Consumption Value (2021-2032)

## 5 MARKET SEGMENT BY TYPE

### 5.1 Global Current Sensing Module Sales Quantity by Type (2021-2032)

### 5.2 Global Current Sensing Module Consumption Value by Type (2021-2032)

### 5.3 Global Current Sensing Module Average Price by Type (2021-2032)

## 6 MARKET SEGMENT BY APPLICATION

### 6.1 Global Current Sensing Module Sales Quantity by Application (2021-2032)

### 6.2 Global Current Sensing Module Consumption Value by Application (2021-2032)

### 6.3 Global Current Sensing Module Average Price by Application (2021-2032)

## 7 NORTH AMERICA

### 7.1 North America Current Sensing Module Sales Quantity by Type (2021-2032)

### 7.2 North America Current Sensing Module Sales Quantity by Application (2021-2032)

### 7.3 North America Current Sensing Module Market Size by Country

7.3.1 North America Current Sensing Module Sales Quantity by Country (2021-2032)

7.3.2 North America Current Sensing Module Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

## 8 EUROPE

- 8.1 Europe Current Sensing Module Sales Quantity by Type (2021-2032)
- 8.2 Europe Current Sensing Module Sales Quantity by Application (2021-2032)
- 8.3 Europe Current Sensing Module Market Size by Country
  - 8.3.1 Europe Current Sensing Module Sales Quantity by Country (2021-2032)
  - 8.3.2 Europe Current Sensing Module Consumption Value by Country (2021-2032)
  - 8.3.3 Germany Market Size and Forecast (2021-2032)
  - 8.3.4 France Market Size and Forecast (2021-2032)
  - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
  - 8.3.6 Russia Market Size and Forecast (2021-2032)
  - 8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Current Sensing Module Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Current Sensing Module Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Current Sensing Module Market Size by Region
  - 9.3.1 Asia-Pacific Current Sensing Module Sales Quantity by Region (2021-2032)
  - 9.3.2 Asia-Pacific Current Sensing Module Consumption Value by Region (2021-2032)
  - 9.3.3 China Market Size and Forecast (2021-2032)
  - 9.3.4 Japan Market Size and Forecast (2021-2032)
  - 9.3.5 South Korea Market Size and Forecast (2021-2032)
  - 9.3.6 India Market Size and Forecast (2021-2032)
  - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
  - 9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

- 10.1 South America Current Sensing Module Sales Quantity by Type (2021-2032)
- 10.2 South America Current Sensing Module Sales Quantity by Application (2021-2032)
- 10.3 South America Current Sensing Module Market Size by Country
  - 10.3.1 South America Current Sensing Module Sales Quantity by Country (2021-2032)
  - 10.3.2 South America Current Sensing Module Consumption Value by Country (2021-2032)
  - 10.3.3 Brazil Market Size and Forecast (2021-2032)
  - 10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Current Sensing Module Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Current Sensing Module Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Current Sensing Module Market Size by Country

11.3.1 Middle East & Africa Current Sensing Module Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Current Sensing Module Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

12.1 Current Sensing Module Market Drivers

12.2 Current Sensing Module Market Restraints

12.3 Current Sensing Module 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 Sensing Module and Key Manufacturers

13.2 Manufacturing Costs Percentage of Current Sensing Module

13.3 Current Sensing Module 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 Sensing Module Typical Distributors

14.3 Current Sensing Module 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 Sensing Module Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Current Sensing Module Consumption Value by Isolation Type, (USD Million), 2021 & 2025 & 2032

Table 3. Global Current Sensing Module Consumption Value by Current Type, (USD Million), 2021 & 2025 & 2032

Table 4. Global Current Sensing Module Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. LEM Holding Basic Information, Manufacturing Base and Competitors

Table 6. LEM Holding Major Business

Table 7. LEM Holding Current Sensing Module Product and Services

Table 8. LEM Holding Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. LEM Holding Recent Developments/Updates

Table 10. Honeywell Basic Information, Manufacturing Base and Competitors

Table 11. Honeywell Major Business

Table 12. Honeywell Current Sensing Module Product and Services

Table 13. Honeywell Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Honeywell Recent Developments/Updates

Table 15. Sinomags Basic Information, Manufacturing Base and Competitors

Table 16. Sinomags Major Business

Table 17. Sinomags Current Sensing Module Product and Services

Table 18. Sinomags Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Sinomags Recent Developments/Updates

Table 20. Pulse Electronics (YAGEO) Basic Information, Manufacturing Base and Competitors

Table 21. Pulse Electronics (YAGEO) Major Business

Table 22. Pulse Electronics (YAGEO) Current Sensing Module Product and Services

Table 23. Pulse Electronics (YAGEO) Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Pulse Electronics (YAGEO) Recent Developments/Updates

Table 25. Kohshin Electric Corporation Basic Information, Manufacturing Base and

## Competitors

Table 26. Kohshin Electric Corporation Major Business

Table 27. Kohshin Electric Corporation Current Sensing Module Product and Services

Table 28. Kohshin Electric Corporation Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Kohshin Electric Corporation Recent Developments/Updates

Table 30. Tamura Basic Information, Manufacturing Base and Competitors

Table 31. Tamura Major Business

Table 32. Tamura Current Sensing Module Product and Services

Table 33. Tamura Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Tamura Recent Developments/Updates

Table 35. Littelfuse Basic Information, Manufacturing Base and Competitors

Table 36. Littelfuse Major Business

Table 37. Littelfuse Current Sensing Module Product and Services

Table 38. Littelfuse Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Littelfuse Recent Developments/Updates

Table 40. Nicera Basic Information, Manufacturing Base and Competitors

Table 41. Nicera Major Business

Table 42. Nicera Current Sensing Module Product and Services

Table 43. Nicera Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Nicera Recent Developments/Updates

Table 45. BYD Basic Information, Manufacturing Base and Competitors

Table 46. BYD Major Business

Table 47. BYD Current Sensing Module Product and Services

Table 48. BYD Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. BYD Recent Developments/Updates

Table 50. Hongfa Technology Basic Information, Manufacturing Base and Competitors

Table 51. Hongfa Technology Major Business

Table 52. Hongfa Technology Current Sensing Module Product and Services

Table 53. Hongfa Technology Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Hongfa Technology Recent Developments/Updates

Table 55. CRRC Basic Information, Manufacturing Base and Competitors

Table 56. CRRC Major Business

Table 57. CRRC Current Sensing Module Product and Services

Table 58. CRRC Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. CRRC Recent Developments/Updates

Table 60. MultiDimension Technology Basic Information, Manufacturing Base and Competitors

Table 61. MultiDimension Technology Major Business

Table 62. MultiDimension Technology Current Sensing Module Product and Services

Table 63. MultiDimension Technology Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. MultiDimension Technology Recent Developments/Updates

Table 65. Innosense Basic Information, Manufacturing Base and Competitors

Table 66. Innosense Major Business

Table 67. Innosense Current Sensing Module Product and Services

Table 68. Innosense Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. Innosense Recent Developments/Updates

Table 70. Shanghai Baolong Automotive Corporation Basic Information, Manufacturing Base and Competitors

Table 71. Shanghai Baolong Automotive Corporation Major Business

Table 72. Shanghai Baolong Automotive Corporation Current Sensing Module Product and Services

Table 73. Shanghai Baolong Automotive Corporation Current Sensing Module Sales Quantity (K Units), Average Price (K Units), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 74. Shanghai Baolong Automotive Corporation Recent Developments/Updates

Table 75. Global Current Sensing Module Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 76. Global Current Sensing Module Revenue by Manufacturer (2021-2026) & (USD Million)

Table 77. Global Current Sensing Module Average Price by Manufacturer (2021-2026) & (K Units)

Table 78. Market Position of Manufacturers in Current Sensing Module, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 79. Head Office and Current Sensing Module Production Site of Key Manufacturer

Table 80. Current Sensing Module Market: Company Product Type Footprint

Table 81. Current Sensing Module Market: Company Product Application Footprint

Table 82. Current Sensing Module New Market Entrants and Barriers to Market Entry

Table 83. Current Sensing Module Mergers, Acquisition, Agreements, and Collaborations

Table 84. Global Current Sensing Module Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 85. Global Current Sensing Module Sales Quantity by Region (2021-2026) & (K Units)

Table 86. Global Current Sensing Module Sales Quantity by Region (2027-2032) & (K Units)

Table 87. Global Current Sensing Module Consumption Value by Region (2021-2026) & (USD Million)

Table 88. Global Current Sensing Module Consumption Value by Region (2027-2032) & (USD Million)

Table 89. Global Current Sensing Module Average Price by Region (2021-2026) & (K Units)

Table 90. Global Current Sensing Module Average Price by Region (2027-2032) & (K Units)

Table 91. Global Current Sensing Module Sales Quantity by Type (2021-2026) & (K Units)

Table 92. Global Current Sensing Module Sales Quantity by Type (2027-2032) & (K Units)

Table 93. Global Current Sensing Module Consumption Value by Type (2021-2026) & (USD Million)

Table 94. Global Current Sensing Module Consumption Value by Type (2027-2032) & (USD Million)

Table 95. Global Current Sensing Module Average Price by Type (2021-2026) & (K Units)

Table 96. Global Current Sensing Module Average Price by Type (2027-2032) & (K Units)

Table 97. Global Current Sensing Module Sales Quantity by Application (2021-2026) & (K Units)

Table 98. Global Current Sensing Module Sales Quantity by Application (2027-2032) & (K Units)

Table 99. Global Current Sensing Module Consumption Value by Application (2021-2026) & (USD Million)

Table 100. Global Current Sensing Module Consumption Value by Application (2027-2032) & (USD Million)

Table 101. Global Current Sensing Module Average Price by Application (2021-2026) &

(K Units)

Table 102. Global Current Sensing Module Average Price by Application (2027-2032) & (K Units)

Table 103. North America Current Sensing Module Sales Quantity by Type (2021-2026) & (K Units)

Table 104. North America Current Sensing Module Sales Quantity by Type (2027-2032) & (K Units)

Table 105. North America Current Sensing Module Sales Quantity by Application (2021-2026) & (K Units)

Table 106. North America Current Sensing Module Sales Quantity by Application (2027-2032) & (K Units)

Table 107. North America Current Sensing Module Sales Quantity by Country (2021-2026) & (K Units)

Table 108. North America Current Sensing Module Sales Quantity by Country (2027-2032) & (K Units)

Table 109. North America Current Sensing Module Consumption Value by Country (2021-2026) & (USD Million)

Table 110. North America Current Sensing Module Consumption Value by Country (2027-2032) & (USD Million)

Table 111. Europe Current Sensing Module Sales Quantity by Type (2021-2026) & (K Units)

Table 112. Europe Current Sensing Module Sales Quantity by Type (2027-2032) & (K Units)

Table 113. Europe Current Sensing Module Sales Quantity by Application (2021-2026) & (K Units)

Table 114. Europe Current Sensing Module Sales Quantity by Application (2027-2032) & (K Units)

Table 115. Europe Current Sensing Module Sales Quantity by Country (2021-2026) & (K Units)

Table 116. Europe Current Sensing Module Sales Quantity by Country (2027-2032) & (K Units)

Table 117. Europe Current Sensing Module Consumption Value by Country (2021-2026) & (USD Million)

Table 118. Europe Current Sensing Module Consumption Value by Country (2027-2032) & (USD Million)

Table 119. Asia-Pacific Current Sensing Module Sales Quantity by Type (2021-2026) & (K Units)

Table 120. Asia-Pacific Current Sensing Module Sales Quantity by Type (2027-2032) & (K Units)

Table 121. Asia-Pacific Current Sensing Module Sales Quantity by Application (2021-2026) & (K Units)

Table 122. Asia-Pacific Current Sensing Module Sales Quantity by Application (2027-2032) & (K Units)

Table 123. Asia-Pacific Current Sensing Module Sales Quantity by Region (2021-2026) & (K Units)

Table 124. Asia-Pacific Current Sensing Module Sales Quantity by Region (2027-2032) & (K Units)

Table 125. Asia-Pacific Current Sensing Module Consumption Value by Region (2021-2026) & (USD Million)

Table 126. Asia-Pacific Current Sensing Module Consumption Value by Region (2027-2032) & (USD Million)

Table 127. South America Current Sensing Module Sales Quantity by Type (2021-2026) & (K Units)

Table 128. South America Current Sensing Module Sales Quantity by Type (2027-2032) & (K Units)

Table 129. South America Current Sensing Module Sales Quantity by Application (2021-2026) & (K Units)

Table 130. South America Current Sensing Module Sales Quantity by Application (2027-2032) & (K Units)

Table 131. South America Current Sensing Module Sales Quantity by Country (2021-2026) & (K Units)

Table 132. South America Current Sensing Module Sales Quantity by Country (2027-2032) & (K Units)

Table 133. South America Current Sensing Module Consumption Value by Country (2021-2026) & (USD Million)

Table 134. South America Current Sensing Module Consumption Value by Country (2027-2032) & (USD Million)

Table 135. Middle East & Africa Current Sensing Module Sales Quantity by Type (2021-2026) & (K Units)

Table 136. Middle East & Africa Current Sensing Module Sales Quantity by Type (2027-2032) & (K Units)

Table 137. Middle East & Africa Current Sensing Module Sales Quantity by Application (2021-2026) & (K Units)

Table 138. Middle East & Africa Current Sensing Module Sales Quantity by Application (2027-2032) & (K Units)

Table 139. Middle East & Africa Current Sensing Module Sales Quantity by Country (2021-2026) & (K Units)

Table 140. Middle East & Africa Current Sensing Module Sales Quantity by Country

(2027-2032) & (K Units)

Table 141. Middle East & Africa Current Sensing Module Consumption Value by Country (2021-2026) & (USD Million)

Table 142. Middle East & Africa Current Sensing Module Consumption Value by Country (2027-2032) & (USD Million)

Table 143. Current Sensing Module Raw Material

Table 144. Key Manufacturers of Current Sensing Module Raw Materials

Table 145. Current Sensing Module Typical Distributors

Table 146. Current Sensing Module Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Current Sensing Module Picture
- Figure 2. Global Current Sensing Module Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Current Sensing Module Revenue Market Share by Type in 2025
- Figure 4. Hall Current Sensor Examples
- Figure 5. Shunt Based Current Sensor Examples
- Figure 6. xMR Current Sensor Examples
- Figure 7. Current Transformer Examples
- Figure 8. Fluxgate Current Sensor Examples
- Figure 9. Others Examples
- Figure 10. Global Current Sensing Module Revenue by Isolation Type, (USD Million), 2021 & 2025 & 2032
- Figure 11. Global Current Sensing Module Revenue Market Share by Isolation Type in 2025
- Figure 12. Isolated Examples
- Figure 13. Non-isolated Examples
- Figure 14. Global Current Sensing Module Revenue by Current Type, (USD Million), 2021 & 2025 & 2032
- Figure 15. Global Current Sensing Module Revenue Market Share by Current Type in 2025
- Figure 16. DC Examples
- Figure 17. AC Examples
- Figure 18. AC/DC Examples
- Figure 19. Global Current Sensing Module Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 20. Global Current Sensing Module Revenue Market Share by Application in 2025
- Figure 21. Industrial Examples
- Figure 22. Automotive Examples
- Figure 23. Commercial Examples
- Figure 24. Others Examples
- Figure 25. Global Current Sensing Module Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 26. Global Current Sensing Module Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 27. Global Current Sensing Module Sales Quantity (2021-2032) & (K Units)

Figure 28. Global Current Sensing Module Price (2021-2032) & (K Units)

Figure 29. Global Current Sensing Module Sales Quantity Market Share by Manufacturer in 2025

Figure 30. Global Current Sensing Module Revenue Market Share by Manufacturer in 2025

Figure 31. Producer Shipments of Current Sensing Module by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 32. Top 3 Current Sensing Module Manufacturer (Revenue) Market Share in 2025

Figure 33. Top 6 Current Sensing Module Manufacturer (Revenue) Market Share in 2025

Figure 34. Global Current Sensing Module Sales Quantity Market Share by Region (2021-2032)

Figure 35. Global Current Sensing Module Consumption Value Market Share by Region (2021-2032)

Figure 36. North America Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 37. Europe Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 38. Asia-Pacific Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 39. South America Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 40. Middle East & Africa Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 41. Global Current Sensing Module Sales Quantity Market Share by Type (2021-2032)

Figure 42. Global Current Sensing Module Consumption Value Market Share by Type (2021-2032)

Figure 43. Global Current Sensing Module Average Price by Type (2021-2032) & (K Units)

Figure 44. Global Current Sensing Module Sales Quantity Market Share by Application (2021-2032)

Figure 45. Global Current Sensing Module Revenue Market Share by Application (2021-2032)

Figure 46. Global Current Sensing Module Average Price by Application (2021-2032) & (K Units)

Figure 47. North America Current Sensing Module Sales Quantity Market Share by

Type (2021-2032)

Figure 48. North America Current Sensing Module Sales Quantity Market Share by Application (2021-2032)

Figure 49. North America Current Sensing Module Sales Quantity Market Share by Country (2021-2032)

Figure 50. North America Current Sensing Module Consumption Value Market Share by Country (2021-2032)

Figure 51. United States Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 52. Canada Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 53. Mexico Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 54. Europe Current Sensing Module Sales Quantity Market Share by Type (2021-2032)

Figure 55. Europe Current Sensing Module Sales Quantity Market Share by Application (2021-2032)

Figure 56. Europe Current Sensing Module Sales Quantity Market Share by Country (2021-2032)

Figure 57. Europe Current Sensing Module Consumption Value Market Share by Country (2021-2032)

Figure 58. Germany Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 59. France Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 60. United Kingdom Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 61. Russia Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 62. Italy Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 63. Asia-Pacific Current Sensing Module Sales Quantity Market Share by Type (2021-2032)

Figure 64. Asia-Pacific Current Sensing Module Sales Quantity Market Share by Application (2021-2032)

Figure 65. Asia-Pacific Current Sensing Module Sales Quantity Market Share by Region (2021-2032)

Figure 66. Asia-Pacific Current Sensing Module Consumption Value Market Share by Region (2021-2032)

Figure 67. China Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 68. Japan Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 69. South Korea Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 70. India Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 71. Southeast Asia Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 72. Australia Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 73. South America Current Sensing Module Sales Quantity Market Share by Type (2021-2032)

Figure 74. South America Current Sensing Module Sales Quantity Market Share by Application (2021-2032)

Figure 75. South America Current Sensing Module Sales Quantity Market Share by Country (2021-2032)

Figure 76. South America Current Sensing Module Consumption Value Market Share by Country (2021-2032)

Figure 77. Brazil Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 78. Argentina Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 79. Middle East & Africa Current Sensing Module Sales Quantity Market Share by Type (2021-2032)

Figure 80. Middle East & Africa Current Sensing Module Sales Quantity Market Share by Application (2021-2032)

Figure 81. Middle East & Africa Current Sensing Module Sales Quantity Market Share by Country (2021-2032)

Figure 82. Middle East & Africa Current Sensing Module Consumption Value Market Share by Country (2021-2032)

Figure 83. Turkey Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 84. Egypt Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 85. Saudi Arabia Current Sensing Module Consumption Value (2021-2032) & (USD Million)

Figure 86. South Africa Current Sensing Module Consumption Value (2021-2032) &

(USD Million)

Figure 87. Current Sensing Module Market Drivers

Figure 88. Current Sensing Module Market Restraints

Figure 89. Current Sensing Module Market Trends

Figure 90. Porters Five Forces Analysis

Figure 91. Manufacturing Cost Structure Analysis of Current Sensing Module in 2025

Figure 92. Manufacturing Process Analysis of Current Sensing Module

Figure 93. Current Sensing Module Industrial Chain

Figure 94. Sales Channel: Direct to End-User vs Distributors

Figure 95. Direct Channel Pros & Cons

Figure 96. Indirect Channel Pros & Cons

Figure 97. Methodology

Figure 98. Research Process and Data Source

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