

# Global Battery-Free Sensor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GF4CAC7669A7EN.html>

Date: March 2023

Pages: 105

Price: US\$ 4,480.00 (Single User License)

ID: GF4CAC7669A7EN

## Abstracts

The global Battery-Free Sensor market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

A battery-free sensor is a device that can detect and transmit information without the need for an onboard power source. Instead, these sensors typically rely on harvesting energy from their environment, such as light, heat, or mechanical motion, to power their operation.

There are several different types of battery-free sensors that are currently being developed and used in a variety of applications. One example is RFID (radio-frequency identification) sensors, which use radio waves to communicate information wirelessly. These sensors can be used for inventory tracking, security, and other applications where real-time information is needed.

Another type of battery-free sensor is the piezoelectric sensor, which generates electricity when it is subjected to mechanical stress or pressure. These sensors can be used to detect changes in pressure or strain and are often used in structural health monitoring applications.

Thermoelectric sensors are another type of battery-free sensor that convert differences in temperature into electrical energy. These sensors can be used for temperature sensing, energy harvesting, and other applications.

Overall, battery-free sensors offer several advantages over traditional battery-powered sensors, including reduced maintenance costs, longer lifetimes, and reduced environmental impact. As such, they are likely to become increasingly important in a

wide range of applications in the years to come.

This report studies the global Battery-Free Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Battery-Free Sensor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Battery-Free Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Battery-Free Sensor total production and demand, 2018-2029, (K Units)

Global Battery-Free Sensor total production value, 2018-2029, (USD Million)

Global Battery-Free Sensor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Battery-Free Sensor consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Battery-Free Sensor domestic production, consumption, key domestic manufacturers and share

Global Battery-Free Sensor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Battery-Free Sensor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Battery-Free Sensor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Battery-Free Sensor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Texas Instruments, ON Semiconductors,

Farsens, Inductosense, Advantech, Powercast, Infineon Technologies, Axzon and General Electric, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Battery-Free Sensor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Battery-Free Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Battery-Free Sensor Market, Segmentation by Type

Temperature Sensor

Humidity/Moisture Sensor

Pressure Sensor

Others

### Global Battery-Free Sensor Market, Segmentation by Application

Automotive

Healthcare

Logistic

IT & Telecommunication

Other

### Companies Profiled:

Texas Instruments

ON Semiconductors

Farsens

Inductosense

Advantech

Powercast

Infineon Technologies

Axzon

General Electric

EnOcean GmbH

### Key Questions Answered

1. How big is the global Battery-Free Sensor market?
2. What is the demand of the global Battery-Free Sensor market?
3. What is the year over year growth of the global Battery-Free Sensor market?
4. What is the production and production value of the global Battery-Free Sensor market?
5. Who are the key producers in the global Battery-Free Sensor market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Battery-Free Sensor Introduction
- 1.2 World Battery-Free Sensor Supply & Forecast
  - 1.2.1 World Battery-Free Sensor Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Battery-Free Sensor Production (2018-2029)
  - 1.2.3 World Battery-Free Sensor Pricing Trends (2018-2029)
- 1.3 World Battery-Free Sensor Production by Region (Based on Production Site)
  - 1.3.1 World Battery-Free Sensor Production Value by Region (2018-2029)
  - 1.3.2 World Battery-Free Sensor Production by Region (2018-2029)
  - 1.3.3 World Battery-Free Sensor Average Price by Region (2018-2029)
  - 1.3.4 North America Battery-Free Sensor Production (2018-2029)
  - 1.3.5 Europe Battery-Free Sensor Production (2018-2029)
  - 1.3.6 China Battery-Free Sensor Production (2018-2029)
  - 1.3.7 Japan Battery-Free Sensor Production (2018-2029)
  - 1.3.8 South Korea Battery-Free Sensor Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Battery-Free Sensor Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Battery-Free Sensor Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Battery-Free Sensor Demand (2018-2029)
- 2.2 World Battery-Free Sensor Consumption by Region
  - 2.2.1 World Battery-Free Sensor Consumption by Region (2018-2023)
  - 2.2.2 World Battery-Free Sensor Consumption Forecast by Region (2024-2029)
- 2.3 United States Battery-Free Sensor Consumption (2018-2029)
- 2.4 China Battery-Free Sensor Consumption (2018-2029)
- 2.5 Europe Battery-Free Sensor Consumption (2018-2029)
- 2.6 Japan Battery-Free Sensor Consumption (2018-2029)
- 2.7 South Korea Battery-Free Sensor Consumption (2018-2029)
- 2.8 ASEAN Battery-Free Sensor Consumption (2018-2029)
- 2.9 India Battery-Free Sensor Consumption (2018-2029)

### **3 WORLD BATTERY-FREE SENSOR MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Battery-Free Sensor Production Value by Manufacturer (2018-2023)

3.2 World Battery-Free Sensor Production by Manufacturer (2018-2023)

3.3 World Battery-Free Sensor Average Price by Manufacturer (2018-2023)

3.4 Battery-Free Sensor Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Battery-Free Sensor Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Battery-Free Sensor in 2022

3.5.3 Global Concentration Ratios (CR8) for Battery-Free Sensor in 2022

3.6 Battery-Free Sensor Market: Overall Company Footprint Analysis

3.6.1 Battery-Free Sensor Market: Region Footprint

3.6.2 Battery-Free Sensor Market: Company Product Type Footprint

3.6.3 Battery-Free Sensor Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: Battery-Free Sensor Production Value Comparison

4.1.1 United States VS China: Battery-Free Sensor Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Battery-Free Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Battery-Free Sensor Production Comparison

4.2.1 United States VS China: Battery-Free Sensor Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Battery-Free Sensor Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Battery-Free Sensor Consumption Comparison

4.3.1 United States VS China: Battery-Free Sensor Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Battery-Free Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

#### 4.4 United States Based Battery-Free Sensor Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Battery-Free Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Battery-Free Sensor Production Value (2018-2023)

4.4.3 United States Based Manufacturers Battery-Free Sensor Production (2018-2023)

#### 4.5 China Based Battery-Free Sensor Manufacturers and Market Share

4.5.1 China Based Battery-Free Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Battery-Free Sensor Production Value (2018-2023)

4.5.3 China Based Manufacturers Battery-Free Sensor Production (2018-2023)

#### 4.6 Rest of World Based Battery-Free Sensor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Battery-Free Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Battery-Free Sensor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Battery-Free Sensor Production (2018-2023)

### **5 MARKET ANALYSIS BY TYPE**

#### 5.1 World Battery-Free Sensor Market Size Overview by Type: 2018 VS 2022 VS 2029

#### 5.2 Segment Introduction by Type

5.2.1 Temperature Sensor

5.2.2 Humidity/Moisture Sensor

5.2.3 Pressure Sensor

5.2.4 Others

#### 5.3 Market Segment by Type

5.3.1 World Battery-Free Sensor Production by Type (2018-2029)

5.3.2 World Battery-Free Sensor Production Value by Type (2018-2029)

5.3.3 World Battery-Free Sensor Average Price by Type (2018-2029)

### **6 MARKET ANALYSIS BY APPLICATION**

#### 6.1 World Battery-Free Sensor Market Size Overview by Application: 2018 VS 2022 VS 2029

#### 6.2 Segment Introduction by Application

6.2.1 Automotive



- 6.2.2 Healthcare
- 6.2.3 Logistic
- 6.2.4 IT & Telecommunication
- 6.2.5 Other
- 6.3 Market Segment by Application
  - 6.3.1 World Battery-Free Sensor Production by Application (2018-2029)
  - 6.3.2 World Battery-Free Sensor Production Value by Application (2018-2029)
  - 6.3.3 World Battery-Free Sensor Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

- 7.1 Texas Instruments
  - 7.1.1 Texas Instruments Details
  - 7.1.2 Texas Instruments Major Business
  - 7.1.3 Texas Instruments Battery-Free Sensor Product and Services
  - 7.1.4 Texas Instruments Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.1.5 Texas Instruments Recent Developments/Updates
  - 7.1.6 Texas Instruments Competitive Strengths & Weaknesses
- 7.2 ON Semiconductors
  - 7.2.1 ON Semiconductors Details
  - 7.2.2 ON Semiconductors Major Business
  - 7.2.3 ON Semiconductors Battery-Free Sensor Product and Services
  - 7.2.4 ON Semiconductors Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.2.5 ON Semiconductors Recent Developments/Updates
  - 7.2.6 ON Semiconductors Competitive Strengths & Weaknesses
- 7.3 Farsens
  - 7.3.1 Farsens Details
  - 7.3.2 Farsens Major Business
  - 7.3.3 Farsens Battery-Free Sensor Product and Services
  - 7.3.4 Farsens Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.3.5 Farsens Recent Developments/Updates
  - 7.3.6 Farsens Competitive Strengths & Weaknesses
- 7.4 Inductosense
  - 7.4.1 Inductosense Details
  - 7.4.2 Inductosense Major Business
  - 7.4.3 Inductosense Battery-Free Sensor Product and Services

7.4.4 Inductosense Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Inductosense Recent Developments/Updates

7.4.6 Inductosense Competitive Strengths & Weaknesses

7.5 Advantech

7.5.1 Advantech Details

7.5.2 Advantech Major Business

7.5.3 Advantech Battery-Free Sensor Product and Services

7.5.4 Advantech Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Advantech Recent Developments/Updates

7.5.6 Advantech Competitive Strengths & Weaknesses

7.6 Powercast

7.6.1 Powercast Details

7.6.2 Powercast Major Business

7.6.3 Powercast Battery-Free Sensor Product and Services

7.6.4 Powercast Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Powercast Recent Developments/Updates

7.6.6 Powercast Competitive Strengths & Weaknesses

7.7 Infineon Technologies

7.7.1 Infineon Technologies Details

7.7.2 Infineon Technologies Major Business

7.7.3 Infineon Technologies Battery-Free Sensor Product and Services

7.7.4 Infineon Technologies Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Infineon Technologies Recent Developments/Updates

7.7.6 Infineon Technologies Competitive Strengths & Weaknesses

7.8 Axzon

7.8.1 Axzon Details

7.8.2 Axzon Major Business

7.8.3 Axzon Battery-Free Sensor Product and Services

7.8.4 Axzon Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Axzon Recent Developments/Updates

7.8.6 Axzon Competitive Strengths & Weaknesses

7.9 General Electric

7.9.1 General Electric Details

7.9.2 General Electric Major Business

- 7.9.3 General Electric Battery-Free Sensor Product and Services
- 7.9.4 General Electric Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 General Electric Recent Developments/Updates
- 7.9.6 General Electric Competitive Strengths & Weaknesses
- 7.10 EnOcean GmbH
  - 7.10.1 EnOcean GmbH Details
  - 7.10.2 EnOcean GmbH Major Business
  - 7.10.3 EnOcean GmbH Battery-Free Sensor Product and Services
  - 7.10.4 EnOcean GmbH Battery-Free Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 EnOcean GmbH Recent Developments/Updates
  - 7.10.6 EnOcean GmbH Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Battery-Free Sensor Industry Chain
- 8.2 Battery-Free Sensor Upstream Analysis
  - 8.2.1 Battery-Free Sensor Core Raw Materials
  - 8.2.2 Main Manufacturers of Battery-Free Sensor Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Battery-Free Sensor Production Mode
- 8.6 Battery-Free Sensor Procurement Model
- 8.7 Battery-Free Sensor Industry Sales Model and Sales Channels
  - 8.7.1 Battery-Free Sensor Sales Model
  - 8.7.2 Battery-Free Sensor Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Battery-Free Sensor Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Battery-Free Sensor Production Value by Region (2018-2023) & (USD Million)

Table 3. World Battery-Free Sensor Production Value by Region (2024-2029) & (USD Million)

Table 4. World Battery-Free Sensor Production Value Market Share by Region (2018-2023)

Table 5. World Battery-Free Sensor Production Value Market Share by Region (2024-2029)

Table 6. World Battery-Free Sensor Production by Region (2018-2023) & (K Units)

Table 7. World Battery-Free Sensor Production by Region (2024-2029) & (K Units)

Table 8. World Battery-Free Sensor Production Market Share by Region (2018-2023)

Table 9. World Battery-Free Sensor Production Market Share by Region (2024-2029)

Table 10. World Battery-Free Sensor Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Battery-Free Sensor Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Battery-Free Sensor Major Market Trends

Table 13. World Battery-Free Sensor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Battery-Free Sensor Consumption by Region (2018-2023) & (K Units)

Table 15. World Battery-Free Sensor Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Battery-Free Sensor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Battery-Free Sensor Producers in 2022

Table 18. World Battery-Free Sensor Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Battery-Free Sensor Producers in 2022

Table 20. World Battery-Free Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Battery-Free Sensor Company Evaluation Quadrant

Table 22. World Battery-Free Sensor Industry Rank of Major Manufacturers, Based on

## Production Value in 2022

Table 23. Head Office and Battery-Free Sensor Production Site of Key Manufacturer

Table 24. Battery-Free Sensor Market: Company Product Type Footprint

Table 25. Battery-Free Sensor Market: Company Product Application Footprint

Table 26. Battery-Free Sensor Competitive Factors

Table 27. Battery-Free Sensor New Entrant and Capacity Expansion Plans

Table 28. Battery-Free Sensor Mergers &amp; Acquisitions Activity

Table 29. United States VS China Battery-Free Sensor Production Value Comparison, (2018 &amp; 2022 &amp; 2029) &amp; (USD Million)

Table 30. United States VS China Battery-Free Sensor Production Comparison, (2018 &amp; 2022 &amp; 2029) &amp; (K Units)

Table 31. United States VS China Battery-Free Sensor Consumption Comparison, (2018 &amp; 2022 &amp; 2029) &amp; (K Units)

Table 32. United States Based Battery-Free Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Battery-Free Sensor Production Value, (2018-2023) &amp; (USD Million)

Table 34. United States Based Manufacturers Battery-Free Sensor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Battery-Free Sensor Production (2018-2023) &amp; (K Units)

Table 36. United States Based Manufacturers Battery-Free Sensor Production Market Share (2018-2023)

Table 37. China Based Battery-Free Sensor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Battery-Free Sensor Production Value, (2018-2023) &amp; (USD Million)

Table 39. China Based Manufacturers Battery-Free Sensor Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Battery-Free Sensor Production (2018-2023) &amp; (K Units)

Table 41. China Based Manufacturers Battery-Free Sensor Production Market Share (2018-2023)

Table 42. Rest of World Based Battery-Free Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Battery-Free Sensor Production Value, (2018-2023) &amp; (USD Million)

Table 44. Rest of World Based Manufacturers Battery-Free Sensor Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Battery-Free Sensor Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Battery-Free Sensor Production Market Share (2018-2023)

Table 47. World Battery-Free Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Battery-Free Sensor Production by Type (2018-2023) & (K Units)

Table 49. World Battery-Free Sensor Production by Type (2024-2029) & (K Units)

Table 50. World Battery-Free Sensor Production Value by Type (2018-2023) & (USD Million)

Table 51. World Battery-Free Sensor Production Value by Type (2024-2029) & (USD Million)

Table 52. World Battery-Free Sensor Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Battery-Free Sensor Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Battery-Free Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Battery-Free Sensor Production by Application (2018-2023) & (K Units)

Table 56. World Battery-Free Sensor Production by Application (2024-2029) & (K Units)

Table 57. World Battery-Free Sensor Production Value by Application (2018-2023) & (USD Million)

Table 58. World Battery-Free Sensor Production Value by Application (2024-2029) & (USD Million)

Table 59. World Battery-Free Sensor Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Battery-Free Sensor Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 62. Texas Instruments Major Business

Table 63. Texas Instruments Battery-Free Sensor Product and Services

Table 64. Texas Instruments Battery-Free Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Texas Instruments Recent Developments/Updates

Table 66. Texas Instruments Competitive Strengths & Weaknesses

Table 67. ON Semiconductors Basic Information, Manufacturing Base and Competitors

Table 68. ON Semiconductors Major Business

Table 69. ON Semiconductors Battery-Free Sensor Product and Services

Table 70. ON Semiconductors Battery-Free Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 71. ON Semiconductors Recent Developments/Updates

Table 72. ON Semiconductors Competitive Strengths & Weaknesses

Table 73. Farsens Basic Information, Manufacturing Base and Competitors

Table 74. Farsens Major Business

Table 75. Farsens Battery-Free Sensor Product and Services

Table 76. Farsens Battery-Free Sensor Production (K Units), Price (US\$/Unit),  
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Farsens Recent Developments/Updates

Table 78. Farsens Competitive Strengths & Weaknesses

Table 79. Inductosense Basic Information, Manufacturing Base and Competitors

Table 80. Inductosense Major Business

Table 81. Inductosense Battery-Free Sensor Product and Services

Table 82. Inductosense Battery-Free Sensor Production (K Units), Price (US\$/Unit),  
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Inductosense Recent Developments/Updates

Table 84. Inductosense Competitive Strengths & Weaknesses

Table 85. Advantech Basic Information, Manufacturing Base and Competitors

Table 86. Advantech Major Business

Table 87. Advantech Battery-Free Sensor Product and Services

Table 88. Advantech Battery-Free Sensor Production (K Units), Price (US\$/Unit),  
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Advantech Recent Developments/Updates

Table 90. Advantech Competitive Strengths & Weaknesses

Table 91. Powercast Basic Information, Manufacturing Base and Competitors

Table 92. Powercast Major Business

Table 93. Powercast Battery-Free Sensor Product and Services

Table 94. Powercast Battery-Free Sensor Production (K Units), Price (US\$/Unit),  
Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Powercast Recent Developments/Updates

Table 96. Powercast Competitive Strengths & Weaknesses

Table 97. Infineon Technologies Basic Information, Manufacturing Base and  
Competitors

Table 98. Infineon Technologies Major Business

Table 99. Infineon Technologies Battery-Free Sensor Product and Services

Table 100. Infineon Technologies Battery-Free Sensor Production (K Units), Price  
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share  
(2018-2023)

Table 101. Infineon Technologies Recent Developments/Updates

- Table 102. Infineon Technologies Competitive Strengths & Weaknesses
- Table 103. Axzon Basic Information, Manufacturing Base and Competitors
- Table 104. Axzon Major Business
- Table 105. Axzon Battery-Free Sensor Product and Services
- Table 106. Axzon Battery-Free Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Axzon Recent Developments/Updates
- Table 108. Axzon Competitive Strengths & Weaknesses
- Table 109. General Electric Basic Information, Manufacturing Base and Competitors
- Table 110. General Electric Major Business
- Table 111. General Electric Battery-Free Sensor Product and Services
- Table 112. General Electric Battery-Free Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. General Electric Recent Developments/Updates
- Table 114. EnOcean GmbH Basic Information, Manufacturing Base and Competitors
- Table 115. EnOcean GmbH Major Business
- Table 116. EnOcean GmbH Battery-Free Sensor Product and Services
- Table 117. EnOcean GmbH Battery-Free Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 118. Global Key Players of Battery-Free Sensor Upstream (Raw Materials)
- Table 119. Battery-Free Sensor Typical Customers
- Table 120. Battery-Free Sensor Typical Distributors



## List Of Figures

### LIST OF FIGURES

Figure 1. Battery-Free Sensor Picture

Figure 2. World Battery-Free Sensor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Battery-Free Sensor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Battery-Free Sensor Production (2018-2029) & (K Units)

Figure 5. World Battery-Free Sensor Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Battery-Free Sensor Production Value Market Share by Region (2018-2029)

Figure 7. World Battery-Free Sensor Production Market Share by Region (2018-2029)

Figure 8. North America Battery-Free Sensor Production (2018-2029) & (K Units)

Figure 9. Europe Battery-Free Sensor Production (2018-2029) & (K Units)

Figure 10. China Battery-Free Sensor Production (2018-2029) & (K Units)

Figure 11. Japan Battery-Free Sensor Production (2018-2029) & (K Units)

Figure 12. South Korea Battery-Free Sensor Production (2018-2029) & (K Units)

Figure 13. Battery-Free Sensor Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 16. World Battery-Free Sensor Consumption Market Share by Region (2018-2029)

Figure 17. United States Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 18. China Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 19. Europe Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 20. Japan Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 21. South Korea Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 23. India Battery-Free Sensor Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Battery-Free Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Battery-Free Sensor Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Battery-Free Sensor Markets in 2022

Figure 27. United States VS China: Battery-Free Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Battery-Free Sensor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Battery-Free Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Battery-Free Sensor Production Market Share 2022

Figure 31. China Based Manufacturers Battery-Free Sensor Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Battery-Free Sensor Production Market Share 2022

Figure 33. World Battery-Free Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Battery-Free Sensor Production Value Market Share by Type in 2022

Figure 35. Temperature Sensor

Figure 36. Humidity/Moisture Sensor

Figure 37. Pressure Sensor

Figure 38. Others

Figure 39. World Battery-Free Sensor Production Market Share by Type (2018-2029)

Figure 40. World Battery-Free Sensor Production Value Market Share by Type (2018-2029)

Figure 41. World Battery-Free Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 42. World Battery-Free Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World Battery-Free Sensor Production Value Market Share by Application in 2022

Figure 44. Automotive

Figure 45. Healthcare

Figure 46. Logistic

Figure 47. IT & Telecommunication

Figure 48. Other

Figure 49. World Battery-Free Sensor Production Market Share by Application (2018-2029)

Figure 50. World Battery-Free Sensor Production Value Market Share by Application (2018-2029)

Figure 51. World Battery-Free Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 52. Battery-Free Sensor Industry Chain

Figure 53. Battery-Free Sensor Procurement Model

Figure 54. Battery-Free Sensor Sales Model

Figure 55. Battery-Free Sensor Sales Channels, Direct Sales, and Distribution

Figure 56. Methodology

Figure 57. Research Process and Data Source

## I would like to order

Product name: Global Battery-Free Sensor Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GF4CAC7669A7EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF4CAC7669A7EN.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