

Global Air Conditioner Intelligent Power Modules (IPM) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Air Conditioner Intelligent Power Modules (IPM) market size is expected to reach \$ 1535.8 million by 2029, rising at a market growth of 3.9% CAGR during the forecast period (2023-2029).

IPM (Intelligent Power Module) is a high-performance module that mounts a dedicated drive circuit for drawing greater performance from an IGBT chip or MOSFET, and it provides a custom IC for executing self-protection functions (short circuit, supply under voltage, and over temperature).

This report studies IPM in Air Conditioner industry.

This report studies the global Air Conditioner Intelligent Power Modules (IPM) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Air Conditioner Intelligent Power Modules (IPM), 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 Air Conditioner Intelligent Power Modules (IPM) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Air Conditioner Intelligent Power Modules (IPM) total production and demand, 2018-2029, (K Units)

Global Air Conditioner Intelligent Power Modules (IPM) total production value, 2018-2029, (USD Million)

Global Air Conditioner Intelligent Power Modules (IPM) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Air Conditioner Intelligent Power Modules (IPM) consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Air Conditioner Intelligent Power Modules (IPM) domestic production, consumption, key domestic manufacturers and share

Global Air Conditioner Intelligent Power Modules (IPM) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Air Conditioner Intelligent Power Modules (IPM) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Air Conditioner Intelligent Power Modules (IPM) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Air Conditioner Intelligent Power Modules (IPM) 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 Mitsubishi Electric Semiconductor, Sanken Electric, Infineon, STMicroelectronics, Semikron Danfoss, Fuji Electric, Onsemi, ROHM Co., Ltd. and Silan Microelectronics, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Air Conditioner Intelligent Power Modules (IPM) 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 Air Conditioner Intelligent Power Modules (IPM) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Air Conditioner Intelligent Power Modules (IPM) Market, Segmentation by Type

IGBT Based IPM

MOSFET Based IPM

Global Air Conditioner Intelligent Power Modules (IPM) Market, Segmentation by Application

Household Air Conditioning

Commercial Air Conditioning

Companies Profiled:

Mitsubishi Electric Semiconductor

Sanken Electric

Infineon

STMicroelectronics

Semikron Danfoss

Fuji Electric

Onsemi

ROHM Co., Ltd.

Silan Microelectronics

Star Semiconductor

GREE Xin Yuan

Mei Ken Semiconductor

Invsemi Technology

Key Questions Answered

1. How big is the global Air Conditioner Intelligent Power Modules (IPM) market?
2. What is the demand of the global Air Conditioner Intelligent Power Modules (IPM) market?
3. What is the year over year growth of the global Air Conditioner Intelligent Power Modules (IPM) market?
4. What is the production and production value of the global Air Conditioner Intelligent Power Modules (IPM) market?

5. Who are the key producers in the global Air Conditioner Intelligent Power Modules (IPM) market?

Contents

1 SUPPLY SUMMARY

- 1.1 Air Conditioner Intelligent Power Modules (IPM) Introduction
- 1.2 World Air Conditioner Intelligent Power Modules (IPM) Supply & Forecast
 - 1.2.1 World Air Conditioner Intelligent Power Modules (IPM) Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029)
 - 1.2.3 World Air Conditioner Intelligent Power Modules (IPM) Pricing Trends (2018-2029)
- 1.3 World Air Conditioner Intelligent Power Modules (IPM) Production by Region (Based on Production Site)
 - 1.3.1 World Air Conditioner Intelligent Power Modules (IPM) Production Value by Region (2018-2029)
 - 1.3.2 World Air Conditioner Intelligent Power Modules (IPM) Production by Region (2018-2029)
 - 1.3.3 World Air Conditioner Intelligent Power Modules (IPM) Average Price by Region (2018-2029)
 - 1.3.4 North America Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029)
 - 1.3.5 Europe Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029)
 - 1.3.6 China Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029)
 - 1.3.7 Japan Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Air Conditioner Intelligent Power Modules (IPM) Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Air Conditioner Intelligent Power Modules (IPM) Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Air Conditioner Intelligent Power Modules (IPM) Demand (2018-2029)
- 2.2 World Air Conditioner Intelligent Power Modules (IPM) Consumption by Region
 - 2.2.1 World Air Conditioner Intelligent Power Modules (IPM) Consumption by Region (2018-2023)
 - 2.2.2 World Air Conditioner Intelligent Power Modules (IPM) Consumption Forecast by Region (2024-2029)
- 2.3 United States Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029)

- 2.4 China Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029)
- 2.5 Europe Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029)
- 2.6 Japan Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029)
- 2.7 South Korea Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029)
- 2.8 ASEAN Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029)
- 2.9 India Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029)

3 WORLD AIR CONDITIONER INTELLIGENT POWER MODULES (IPM) MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Air Conditioner Intelligent Power Modules (IPM) Production Value by Manufacturer (2018-2023)
- 3.2 World Air Conditioner Intelligent Power Modules (IPM) Production by Manufacturer (2018-2023)
- 3.3 World Air Conditioner Intelligent Power Modules (IPM) Average Price by Manufacturer (2018-2023)
- 3.4 Air Conditioner Intelligent Power Modules (IPM) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Air Conditioner Intelligent Power Modules (IPM) Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Air Conditioner Intelligent Power Modules (IPM) in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Air Conditioner Intelligent Power Modules (IPM) in 2022
- 3.6 Air Conditioner Intelligent Power Modules (IPM) Market: Overall Company Footprint Analysis
 - 3.6.1 Air Conditioner Intelligent Power Modules (IPM) Market: Region Footprint
 - 3.6.2 Air Conditioner Intelligent Power Modules (IPM) Market: Company Product Type Footprint
 - 3.6.3 Air Conditioner Intelligent Power Modules (IPM) 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: Air Conditioner Intelligent Power Modules (IPM) Production Value Comparison

4.1.1 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Production Comparison

4.2.1 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Consumption Comparison

4.3.1 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Air Conditioner Intelligent Power Modules (IPM) Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value (2018-2023)

4.4.3 United States Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production (2018-2023)

4.5 China Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers and Market Share

4.5.1 China Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value (2018-2023)

4.5.3 China Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production (2018-2023)

4.6 Rest of World Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Air Conditioner Intelligent Power Modules (IPM)

Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Air Conditioner Intelligent Power Modules (IPM) Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 IGBT Based IPM

5.2.2 MOSFET Based IPM

5.3 Market Segment by Type

5.3.1 World Air Conditioner Intelligent Power Modules (IPM) Production by Type (2018-2029)

5.3.2 World Air Conditioner Intelligent Power Modules (IPM) Production Value by Type (2018-2029)

5.3.3 World Air Conditioner Intelligent Power Modules (IPM) Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Air Conditioner Intelligent Power Modules (IPM) Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Household Air Conditioning

6.2.2 Commercial Air Conditioning

6.3 Market Segment by Application

6.3.1 World Air Conditioner Intelligent Power Modules (IPM) Production by Application (2018-2029)

6.3.2 World Air Conditioner Intelligent Power Modules (IPM) Production Value by Application (2018-2029)

6.3.3 World Air Conditioner Intelligent Power Modules (IPM) Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Mitsubishi Electric Semiconductor

- 7.1.1 Mitsubishi Electric Semiconductor Details
- 7.1.2 Mitsubishi Electric Semiconductor Major Business
- 7.1.3 Mitsubishi Electric Semiconductor Air Conditioner Intelligent Power Modules (IPM) Product and Services
- 7.1.4 Mitsubishi Electric Semiconductor Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Mitsubishi Electric Semiconductor Recent Developments/Updates
- 7.1.6 Mitsubishi Electric Semiconductor Competitive Strengths & Weaknesses
- 7.2 Sanken Electric
 - 7.2.1 Sanken Electric Details
 - 7.2.2 Sanken Electric Major Business
 - 7.2.3 Sanken Electric Air Conditioner Intelligent Power Modules (IPM) Product and Services
 - 7.2.4 Sanken Electric Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.2.5 Sanken Electric Recent Developments/Updates
 - 7.2.6 Sanken Electric Competitive Strengths & Weaknesses
- 7.3 Infineon
 - 7.3.1 Infineon Details
 - 7.3.2 Infineon Major Business
 - 7.3.3 Infineon Air Conditioner Intelligent Power Modules (IPM) Product and Services
 - 7.3.4 Infineon Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 Infineon Recent Developments/Updates
 - 7.3.6 Infineon Competitive Strengths & Weaknesses
- 7.4 STMicroelectronics
 - 7.4.1 STMicroelectronics Details
 - 7.4.2 STMicroelectronics Major Business
 - 7.4.3 STMicroelectronics Air Conditioner Intelligent Power Modules (IPM) Product and Services
 - 7.4.4 STMicroelectronics Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 STMicroelectronics Recent Developments/Updates
 - 7.4.6 STMicroelectronics Competitive Strengths & Weaknesses
- 7.5 Semikron Danfoss
 - 7.5.1 Semikron Danfoss Details
 - 7.5.2 Semikron Danfoss Major Business
 - 7.5.3 Semikron Danfoss Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.5.4 Semikron Danfoss Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Semikron Danfoss Recent Developments/Updates

7.5.6 Semikron Danfoss Competitive Strengths & Weaknesses

7.6 Fuji Electric

7.6.1 Fuji Electric Details

7.6.2 Fuji Electric Major Business

7.6.3 Fuji Electric Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.6.4 Fuji Electric Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Fuji Electric Recent Developments/Updates

7.6.6 Fuji Electric Competitive Strengths & Weaknesses

7.7 Onsemi

7.7.1 Onsemi Details

7.7.2 Onsemi Major Business

7.7.3 Onsemi Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.7.4 Onsemi Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Onsemi Recent Developments/Updates

7.7.6 Onsemi Competitive Strengths & Weaknesses

7.8 ROHM Co., Ltd.

7.8.1 ROHM Co., Ltd. Details

7.8.2 ROHM Co., Ltd. Major Business

7.8.3 ROHM Co., Ltd. Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.8.4 ROHM Co., Ltd. Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 ROHM Co., Ltd. Recent Developments/Updates

7.8.6 ROHM Co., Ltd. Competitive Strengths & Weaknesses

7.9 Silan Microelectronics

7.9.1 Silan Microelectronics Details

7.9.2 Silan Microelectronics Major Business

7.9.3 Silan Microelectronics Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.9.4 Silan Microelectronics Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Silan Microelectronics Recent Developments/Updates

7.9.6 Silan Microelectronics Competitive Strengths & Weaknesses

7.10 Star Semiconductor

7.10.1 Star Semiconductor Details

7.10.2 Star Semiconductor Major Business

7.10.3 Star Semiconductor Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.10.4 Star Semiconductor Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Star Semiconductor Recent Developments/Updates

7.10.6 Star Semiconductor Competitive Strengths & Weaknesses

7.11 GREE Xin Yuan

7.11.1 GREE Xin Yuan Details

7.11.2 GREE Xin Yuan Major Business

7.11.3 GREE Xin Yuan Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.11.4 GREE Xin Yuan Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 GREE Xin Yuan Recent Developments/Updates

7.11.6 GREE Xin Yuan Competitive Strengths & Weaknesses

7.12 Mei Ken Semiconductor

7.12.1 Mei Ken Semiconductor Details

7.12.2 Mei Ken Semiconductor Major Business

7.12.3 Mei Ken Semiconductor Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.12.4 Mei Ken Semiconductor Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Mei Ken Semiconductor Recent Developments/Updates

7.12.6 Mei Ken Semiconductor Competitive Strengths & Weaknesses

7.13 Invsemi Technology

7.13.1 Invsemi Technology Details

7.13.2 Invsemi Technology Major Business

7.13.3 Invsemi Technology Air Conditioner Intelligent Power Modules (IPM) Product and Services

7.13.4 Invsemi Technology Air Conditioner Intelligent Power Modules (IPM) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Invsemi Technology Recent Developments/Updates

7.13.6 Invsemi Technology Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Air Conditioner Intelligent Power Modules (IPM) Industry Chain
- 8.2 Air Conditioner Intelligent Power Modules (IPM) Upstream Analysis
 - 8.2.1 Air Conditioner Intelligent Power Modules (IPM) Core Raw Materials
 - 8.2.2 Main Manufacturers of Air Conditioner Intelligent Power Modules (IPM) Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Air Conditioner Intelligent Power Modules (IPM) Production Mode
- 8.6 Air Conditioner Intelligent Power Modules (IPM) Procurement Model
- 8.7 Air Conditioner Intelligent Power Modules (IPM) Industry Sales Model and Sales Channels
 - 8.7.1 Air Conditioner Intelligent Power Modules (IPM) Sales Model
 - 8.7.2 Air Conditioner Intelligent Power Modules (IPM) 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 Air Conditioner Intelligent Power Modules (IPM) Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Region (2018-2023) & (USD Million)

Table 3. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Region (2024-2029) & (USD Million)

Table 4. World Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share by Region (2018-2023)

Table 5. World Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share by Region (2024-2029)

Table 6. World Air Conditioner Intelligent Power Modules (IPM) Production by Region (2018-2023) & (K Units)

Table 7. World Air Conditioner Intelligent Power Modules (IPM) Production by Region (2024-2029) & (K Units)

Table 8. World Air Conditioner Intelligent Power Modules (IPM) Production Market Share by Region (2018-2023)

Table 9. World Air Conditioner Intelligent Power Modules (IPM) Production Market Share by Region (2024-2029)

Table 10. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Air Conditioner Intelligent Power Modules (IPM) Major Market Trends

Table 13. World Air Conditioner Intelligent Power Modules (IPM) Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Air Conditioner Intelligent Power Modules (IPM) Consumption by Region (2018-2023) & (K Units)

Table 15. World Air Conditioner Intelligent Power Modules (IPM) Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Air Conditioner Intelligent Power Modules (IPM) Producers in 2022

Table 18. World Air Conditioner Intelligent Power Modules (IPM) Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Air Conditioner Intelligent Power Modules (IPM) Producers in 2022

Table 20. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Air Conditioner Intelligent Power Modules (IPM) Company Evaluation Quadrant

Table 22. World Air Conditioner Intelligent Power Modules (IPM) Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Air Conditioner Intelligent Power Modules (IPM) Production Site of Key Manufacturer

Table 24. Air Conditioner Intelligent Power Modules (IPM) Market: Company Product Type Footprint

Table 25. Air Conditioner Intelligent Power Modules (IPM) Market: Company Product Application Footprint

Table 26. Air Conditioner Intelligent Power Modules (IPM) Competitive Factors

Table 27. Air Conditioner Intelligent Power Modules (IPM) New Entrant and Capacity Expansion Plans

Table 28. Air Conditioner Intelligent Power Modules (IPM) Mergers & Acquisitions Activity

Table 29. United States VS China Air Conditioner Intelligent Power Modules (IPM) Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Air Conditioner Intelligent Power Modules (IPM) Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Air Conditioner Intelligent Power Modules (IPM) Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Market Share (2018-2023)

Table 37. China Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Market Share (2018-2023)

Table 42. Rest of World Based Air Conditioner Intelligent Power Modules (IPM) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Market Share (2018-2023)

Table 47. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Air Conditioner Intelligent Power Modules (IPM) Production by Type (2018-2023) & (K Units)

Table 49. World Air Conditioner Intelligent Power Modules (IPM) Production by Type (2024-2029) & (K Units)

Table 50. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Type (2018-2023) & (USD Million)

Table 51. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Type (2024-2029) & (USD Million)

Table 52. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Air Conditioner Intelligent Power Modules (IPM) Production by Application (2018-2023) & (K Units)

Table 56. World Air Conditioner Intelligent Power Modules (IPM) Production by Application (2024-2029) & (K Units)

Table 57. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Application (2018-2023) & (USD Million)

Table 58. World Air Conditioner Intelligent Power Modules (IPM) Production Value by

Application (2024-2029) & (USD Million)

Table 59. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Mitsubishi Electric Semiconductor Basic Information, Manufacturing Base and Competitors

Table 62. Mitsubishi Electric Semiconductor Major Business

Table 63. Mitsubishi Electric Semiconductor Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 64. Mitsubishi Electric Semiconductor Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Mitsubishi Electric Semiconductor Recent Developments/Updates

Table 66. Mitsubishi Electric Semiconductor Competitive Strengths & Weaknesses

Table 67. Sanken Electric Basic Information, Manufacturing Base and Competitors

Table 68. Sanken Electric Major Business

Table 69. Sanken Electric Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 70. Sanken Electric Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Sanken Electric Recent Developments/Updates

Table 72. Sanken Electric Competitive Strengths & Weaknesses

Table 73. Infineon Basic Information, Manufacturing Base and Competitors

Table 74. Infineon Major Business

Table 75. Infineon Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 76. Infineon Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Infineon Recent Developments/Updates

Table 78. Infineon Competitive Strengths & Weaknesses

Table 79. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 80. STMicroelectronics Major Business

Table 81. STMicroelectronics Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 82. STMicroelectronics Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin

and Market Share (2018-2023)

Table 83. STMicroelectronics Recent Developments/Updates

Table 84. STMicroelectronics Competitive Strengths & Weaknesses

Table 85. Semikron Danfoss Basic Information, Manufacturing Base and Competitors

Table 86. Semikron Danfoss Major Business

Table 87. Semikron Danfoss Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 88. Semikron Danfoss Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Semikron Danfoss Recent Developments/Updates

Table 90. Semikron Danfoss Competitive Strengths & Weaknesses

Table 91. Fuji Electric Basic Information, Manufacturing Base and Competitors

Table 92. Fuji Electric Major Business

Table 93. Fuji Electric Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 94. Fuji Electric Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Fuji Electric Recent Developments/Updates

Table 96. Fuji Electric Competitive Strengths & Weaknesses

Table 97. Onsemi Basic Information, Manufacturing Base and Competitors

Table 98. Onsemi Major Business

Table 99. Onsemi Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 100. Onsemi Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Onsemi Recent Developments/Updates

Table 102. Onsemi Competitive Strengths & Weaknesses

Table 103. ROHM Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 104. ROHM Co., Ltd. Major Business

Table 105. ROHM Co., Ltd. Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 106. ROHM Co., Ltd. Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. ROHM Co., Ltd. Recent Developments/Updates

Table 108. ROHM Co., Ltd. Competitive Strengths & Weaknesses

- Table 109. Silan Microelectronics Basic Information, Manufacturing Base and Competitors
- Table 110. Silan Microelectronics Major Business
- Table 111. Silan Microelectronics Air Conditioner Intelligent Power Modules (IPM) Product and Services
- Table 112. Silan Microelectronics Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Silan Microelectronics Recent Developments/Updates
- Table 114. Silan Microelectronics Competitive Strengths & Weaknesses
- Table 115. Star Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 116. Star Semiconductor Major Business
- Table 117. Star Semiconductor Air Conditioner Intelligent Power Modules (IPM) Product and Services
- Table 118. Star Semiconductor Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Star Semiconductor Recent Developments/Updates
- Table 120. Star Semiconductor Competitive Strengths & Weaknesses
- Table 121. GREE Xin Yuan Basic Information, Manufacturing Base and Competitors
- Table 122. GREE Xin Yuan Major Business
- Table 123. GREE Xin Yuan Air Conditioner Intelligent Power Modules (IPM) Product and Services
- Table 124. GREE Xin Yuan Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. GREE Xin Yuan Recent Developments/Updates
- Table 126. GREE Xin Yuan Competitive Strengths & Weaknesses
- Table 127. Mei Ken Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 128. Mei Ken Semiconductor Major Business
- Table 129. Mei Ken Semiconductor Air Conditioner Intelligent Power Modules (IPM) Product and Services
- Table 130. Mei Ken Semiconductor Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Mei Ken Semiconductor Recent Developments/Updates
- Table 132. Invsemi Technology Basic Information, Manufacturing Base and Competitors
- Table 133. Invsemi Technology Major Business

Table 134. Invsemi Technology Air Conditioner Intelligent Power Modules (IPM) Product and Services

Table 135. Invsemi Technology Air Conditioner Intelligent Power Modules (IPM) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of Air Conditioner Intelligent Power Modules (IPM) Upstream (Raw Materials)

Table 137. Air Conditioner Intelligent Power Modules (IPM) Typical Customers

Table 138. Air Conditioner Intelligent Power Modules (IPM) Typical Distributors

LIST OF FIGURE

Figure 1. Air Conditioner Intelligent Power Modules (IPM) Picture

Figure 2. World Air Conditioner Intelligent Power Modules (IPM) Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Air Conditioner Intelligent Power Modules (IPM) Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029) & (K Units)

Figure 5. World Air Conditioner Intelligent Power Modules (IPM) Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share by Region (2018-2029)

Figure 7. World Air Conditioner Intelligent Power Modules (IPM) Production Market Share by Region (2018-2029)

Figure 8. North America Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029) & (K Units)

Figure 9. Europe Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029) & (K Units)

Figure 10. China Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029) & (K Units)

Figure 11. Japan Air Conditioner Intelligent Power Modules (IPM) Production (2018-2029) & (K Units)

Figure 12. Air Conditioner Intelligent Power Modules (IPM) Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 15. World Air Conditioner Intelligent Power Modules (IPM) Consumption Market Share by Region (2018-2029)

Figure 16. United States Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 17. China Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 18. Europe Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 19. Japan Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 20. South Korea Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 21. ASEAN Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 22. India Air Conditioner Intelligent Power Modules (IPM) Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Air Conditioner Intelligent Power Modules (IPM) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Air Conditioner Intelligent Power Modules (IPM) Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Air Conditioner Intelligent Power Modules (IPM) Markets in 2022

Figure 26. United States VS China: Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Air Conditioner Intelligent Power Modules (IPM) Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Air Conditioner Intelligent Power Modules (IPM) Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Market Share 2022

Figure 30. China Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Air Conditioner Intelligent Power Modules (IPM) Production Market Share 2022

Figure 32. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share by Type in 2022

Figure 34. IGBT Based IPM

Figure 35. MOSFET Based IPM

Figure 36. World Air Conditioner Intelligent Power Modules (IPM) Production Market

Share by Type (2018-2029)

Figure 37. World Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share by Type (2018-2029)

Figure 38. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World Air Conditioner Intelligent Power Modules (IPM) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share by Application in 2022

Figure 41. Household Air Conditioning

Figure 42. Commercial Air Conditioning

Figure 43. World Air Conditioner Intelligent Power Modules (IPM) Production Market Share by Application (2018-2029)

Figure 44. World Air Conditioner Intelligent Power Modules (IPM) Production Value Market Share by Application (2018-2029)

Figure 45. World Air Conditioner Intelligent Power Modules (IPM) Average Price by Application (2018-2029) & (US\$/Unit)

Figure 46. Air Conditioner Intelligent Power Modules (IPM) Industry Chain

Figure 47. Air Conditioner Intelligent Power Modules (IPM) Procurement Model

Figure 48. Air Conditioner Intelligent Power Modules (IPM) Sales Model

Figure 49. Air Conditioner Intelligent Power Modules (IPM) Sales Channels, Direct Sales, and Distribution

Figure 50. Methodology

Figure 51. Research Process and Data Source

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