

# Global Peltier Cooling Modules Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Peltier Cooling Modules market size is expected to reach \$ 2092.7 million by 2029, rising at a market growth of 10.0% CAGR during the forecast period (2023-2029).

Global key players of Peltier cooling modules include Ferrotec, Coherent Corp (formerly II-VI Incorporated), KELK Ltd (Komatsu), etc. The top three players hold a share over 30%.

China is the largest producer, has a share about 36%.

In terms of product type, single-stage modules is the largest segment, occupied for a share of 54%, and in terms of application, consumer electronics has a share about 23 percent.

Peltier cooling modules, also known as thermoelectric cooling modules or Peltier devices, are solid-state semiconductor devices used for cooling or heating applications. They are based on the Peltier effect, which is the phenomenon of heat absorption or release when an electric current passes through the junction of two different types of semiconductor materials. Peltier cooling modules are commonly used in various industries and applications to control temperature, ranging from small-scale electronics cooling to medical equipment and scientific instruments.

This report studies the global Peltier Cooling Modules production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Peltier Cooling Modules, 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 Peltier Cooling Modules that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Peltier Cooling Modules total production and demand, 2018-2029, (K Units)

Global Peltier Cooling Modules total production value, 2018-2029, (USD Million)

Global Peltier Cooling Modules production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Peltier Cooling Modules consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Peltier Cooling Modules domestic production, consumption, key domestic manufacturers and share

Global Peltier Cooling Modules production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Peltier Cooling Modules production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Peltier Cooling Modules production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Peltier Cooling Modules 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 Ferrotec, Coherent Corp (formerly II-VI Incorporated), KELK Ltd (Komatsu), Laird Thermal Systems, Z-MAX, Thermion Company, Crystal Ltd, Guangdong Fuxin Technology and CUI Devices, 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 Peltier Cooling Modules market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/K 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 Peltier Cooling Modules Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Peltier Cooling Modules Market, Segmentation by Type

Single-stage Modules

Multi-stage Modules

Others

Global Peltier Cooling Modules Market, Segmentation by Application

Consumer Electronics

Communication

Medical Experiment

Automobile

Industrial

Aerospace Defense

Others

#### Companies Profiled:

Ferrotec

Coherent Corp (formerly II-VI Incorporated)

KELK Ltd (Komatsu)

Laird Thermal Systems

Z-MAX

Thermion Company

Crystal Ltd

Guangdong Fuxin Technology

CUI Devices

Kryotherm Industries

KJLP

TE Technology

Phononic

Merit Technology Group

KYOCERA

Thermonamic Electronics

### Key Questions Answered

1. How big is the global Peltier Cooling Modules market?
2. What is the demand of the global Peltier Cooling Modules market?
3. What is the year over year growth of the global Peltier Cooling Modules market?
4. What is the production and production value of the global Peltier Cooling Modules market?
5. Who are the key producers in the global Peltier Cooling Modules market?

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

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

### 3 WORLD PELTIER COOLING MODULES MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Peltier Cooling Modules Production Value by Manufacturer (2018-2023)
- 3.2 World Peltier Cooling Modules Production by Manufacturer (2018-2023)
- 3.3 World Peltier Cooling Modules Average Price by Manufacturer (2018-2023)
- 3.4 Peltier Cooling Modules Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Peltier Cooling Modules Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Peltier Cooling Modules in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for Peltier Cooling Modules in 2022
- 3.6 Peltier Cooling Modules Market: Overall Company Footprint Analysis
  - 3.6.1 Peltier Cooling Modules Market: Region Footprint
  - 3.6.2 Peltier Cooling Modules Market: Company Product Type Footprint
  - 3.6.3 Peltier Cooling Modules 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: Peltier Cooling Modules Production Value Comparison
  - 4.1.1 United States VS China: Peltier Cooling Modules Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: Peltier Cooling Modules Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Peltier Cooling Modules Production Comparison
  - 4.2.1 United States VS China: Peltier Cooling Modules Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Peltier Cooling Modules Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Peltier Cooling Modules Consumption Comparison
  - 4.3.1 United States VS China: Peltier Cooling Modules Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: Peltier Cooling Modules Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Peltier Cooling Modules Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Peltier Cooling Modules Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Peltier Cooling Modules Production Value (2018-2023)

4.4.3 United States Based Manufacturers Peltier Cooling Modules Production (2018-2023)

4.5 China Based Peltier Cooling Modules Manufacturers and Market Share

4.5.1 China Based Peltier Cooling Modules Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Peltier Cooling Modules Production Value (2018-2023)

4.5.3 China Based Manufacturers Peltier Cooling Modules Production (2018-2023)

4.6 Rest of World Based Peltier Cooling Modules Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Peltier Cooling Modules Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Peltier Cooling Modules Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Peltier Cooling Modules Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Peltier Cooling Modules Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Single-stage Modules

5.2.2 Multi-stage Modules

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Peltier Cooling Modules Production by Type (2018-2029)

5.3.2 World Peltier Cooling Modules Production Value by Type (2018-2029)

5.3.3 World Peltier Cooling Modules Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Peltier Cooling Modules Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application



- 6.2.1 Consumer Electronics
- 6.2.2 Communication
- 6.2.3 Medical Experiment
- 6.2.4 Automobile
- 6.2.5 Industrial
- 6.2.6 Aerospace Defense
- 6.2.7 Others
- 6.3 Market Segment by Application
  - 6.3.1 World Peltier Cooling Modules Production by Application (2018-2029)
  - 6.3.2 World Peltier Cooling Modules Production Value by Application (2018-2029)
  - 6.3.3 World Peltier Cooling Modules Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

- 7.1 Ferrotec
  - 7.1.1 Ferrotec Details
  - 7.1.2 Ferrotec Major Business
  - 7.1.3 Ferrotec Peltier Cooling Modules Product and Services
  - 7.1.4 Ferrotec Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.1.5 Ferrotec Recent Developments/Updates
  - 7.1.6 Ferrotec Competitive Strengths & Weaknesses
- 7.2 Coherent Corp (formerly II-VI Incorporated)
  - 7.2.1 Coherent Corp (formerly II-VI Incorporated) Details
  - 7.2.2 Coherent Corp (formerly II-VI Incorporated) Major Business
  - 7.2.3 Coherent Corp (formerly II-VI Incorporated) Peltier Cooling Modules Product and Services
  - 7.2.4 Coherent Corp (formerly II-VI Incorporated) Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.2.5 Coherent Corp (formerly II-VI Incorporated) Recent Developments/Updates
  - 7.2.6 Coherent Corp (formerly II-VI Incorporated) Competitive Strengths & Weaknesses
- 7.3 KELK Ltd (Komatsu)
  - 7.3.1 KELK Ltd (Komatsu) Details
  - 7.3.2 KELK Ltd (Komatsu) Major Business
  - 7.3.3 KELK Ltd (Komatsu) Peltier Cooling Modules Product and Services
  - 7.3.4 KELK Ltd (Komatsu) Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.3.5 KELK Ltd (Komatsu) Recent Developments/Updates

- 7.3.6 KELK Ltd (Komatsu) Competitive Strengths & Weaknesses
- 7.4 Laird Thermal Systems
  - 7.4.1 Laird Thermal Systems Details
  - 7.4.2 Laird Thermal Systems Major Business
  - 7.4.3 Laird Thermal Systems Peltier Cooling Modules Product and Services
  - 7.4.4 Laird Thermal Systems Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Laird Thermal Systems Recent Developments/Updates
  - 7.4.6 Laird Thermal Systems Competitive Strengths & Weaknesses
- 7.5 Z-MAX
  - 7.5.1 Z-MAX Details
  - 7.5.2 Z-MAX Major Business
  - 7.5.3 Z-MAX Peltier Cooling Modules Product and Services
  - 7.5.4 Z-MAX Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Z-MAX Recent Developments/Updates
  - 7.5.6 Z-MAX Competitive Strengths & Weaknesses
- 7.6 Thermion Company
  - 7.6.1 Thermion Company Details
  - 7.6.2 Thermion Company Major Business
  - 7.6.3 Thermion Company Peltier Cooling Modules Product and Services
  - 7.6.4 Thermion Company Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Thermion Company Recent Developments/Updates
  - 7.6.6 Thermion Company Competitive Strengths & Weaknesses
- 7.7 Crystal Ltd
  - 7.7.1 Crystal Ltd Details
  - 7.7.2 Crystal Ltd Major Business
  - 7.7.3 Crystal Ltd Peltier Cooling Modules Product and Services
  - 7.7.4 Crystal Ltd Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Crystal Ltd Recent Developments/Updates
  - 7.7.6 Crystal Ltd Competitive Strengths & Weaknesses
- 7.8 Guangdong Fuxin Technology
  - 7.8.1 Guangdong Fuxin Technology Details
  - 7.8.2 Guangdong Fuxin Technology Major Business
  - 7.8.3 Guangdong Fuxin Technology Peltier Cooling Modules Product and Services
  - 7.8.4 Guangdong Fuxin Technology Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.8.5 Guangdong Fuxin Technology Recent Developments/Updates
- 7.8.6 Guangdong Fuxin Technology Competitive Strengths & Weaknesses
- 7.9 CUI Devices
  - 7.9.1 CUI Devices Details
  - 7.9.2 CUI Devices Major Business
  - 7.9.3 CUI Devices Peltier Cooling Modules Product and Services
  - 7.9.4 CUI Devices Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 CUI Devices Recent Developments/Updates
  - 7.9.6 CUI Devices Competitive Strengths & Weaknesses
- 7.10 Kryotherm Industries
  - 7.10.1 Kryotherm Industries Details
  - 7.10.2 Kryotherm Industries Major Business
  - 7.10.3 Kryotherm Industries Peltier Cooling Modules Product and Services
  - 7.10.4 Kryotherm Industries Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Kryotherm Industries Recent Developments/Updates
  - 7.10.6 Kryotherm Industries Competitive Strengths & Weaknesses
- 7.11 KJLP
  - 7.11.1 KJLP Details
  - 7.11.2 KJLP Major Business
  - 7.11.3 KJLP Peltier Cooling Modules Product and Services
  - 7.11.4 KJLP Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 KJLP Recent Developments/Updates
  - 7.11.6 KJLP Competitive Strengths & Weaknesses
- 7.12 TE Technology
  - 7.12.1 TE Technology Details
  - 7.12.2 TE Technology Major Business
  - 7.12.3 TE Technology Peltier Cooling Modules Product and Services
  - 7.12.4 TE Technology Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 TE Technology Recent Developments/Updates
  - 7.12.6 TE Technology Competitive Strengths & Weaknesses
- 7.13 Phononic
  - 7.13.1 Phononic Details
  - 7.13.2 Phononic Major Business
  - 7.13.3 Phononic Peltier Cooling Modules Product and Services
  - 7.13.4 Phononic Peltier Cooling Modules Production, Price, Value, Gross Margin and

## Market Share (2018-2023)

7.13.5 Phononic Recent Developments/Updates

7.13.6 Phononic Competitive Strengths & Weaknesses

## 7.14 Merit Technology Group

7.14.1 Merit Technology Group Details

7.14.2 Merit Technology Group Major Business

7.14.3 Merit Technology Group Peltier Cooling Modules Product and Services

7.14.4 Merit Technology Group Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Merit Technology Group Recent Developments/Updates

7.14.6 Merit Technology Group Competitive Strengths & Weaknesses

## 7.15 KYOCERA

7.15.1 KYOCERA Details

7.15.2 KYOCERA Major Business

7.15.3 KYOCERA Peltier Cooling Modules Product and Services

7.15.4 KYOCERA Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 KYOCERA Recent Developments/Updates

7.15.6 KYOCERA Competitive Strengths & Weaknesses

## 7.16 Thermonamic Electronics

7.16.1 Thermonamic Electronics Details

7.16.2 Thermonamic Electronics Major Business

7.16.3 Thermonamic Electronics Peltier Cooling Modules Product and Services

7.16.4 Thermonamic Electronics Peltier Cooling Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.16.5 Thermonamic Electronics Recent Developments/Updates

7.16.6 Thermonamic Electronics Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Peltier Cooling Modules Industry Chain

8.2 Peltier Cooling Modules Upstream Analysis

8.2.1 Peltier Cooling Modules Core Raw Materials

8.2.2 Main Manufacturers of Peltier Cooling Modules Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Peltier Cooling Modules Production Mode

8.6 Peltier Cooling Modules Procurement Model

8.7 Peltier Cooling Modules Industry Sales Model and Sales Channels

8.7.1 Peltier Cooling Modules Sales Model

8.7.2 Peltier Cooling Modules 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 Peltier Cooling Modules Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Peltier Cooling Modules Production Value by Region (2018-2023) & (USD Million)

Table 3. World Peltier Cooling Modules Production Value by Region (2024-2029) & (USD Million)

Table 4. World Peltier Cooling Modules Production Value Market Share by Region (2018-2023)

Table 5. World Peltier Cooling Modules Production Value Market Share by Region (2024-2029)

Table 6. World Peltier Cooling Modules Production by Region (2018-2023) & (K Units)

Table 7. World Peltier Cooling Modules Production by Region (2024-2029) & (K Units)

Table 8. World Peltier Cooling Modules Production Market Share by Region (2018-2023)

Table 9. World Peltier Cooling Modules Production Market Share by Region (2024-2029)

Table 10. World Peltier Cooling Modules Average Price by Region (2018-2023) & (US\$/K Unit)

Table 11. World Peltier Cooling Modules Average Price by Region (2024-2029) & (US\$/K Unit)

Table 12. Peltier Cooling Modules Major Market Trends

Table 13. World Peltier Cooling Modules Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Peltier Cooling Modules Consumption by Region (2018-2023) & (K Units)

Table 15. World Peltier Cooling Modules Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Peltier Cooling Modules Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Peltier Cooling Modules Producers in 2022

Table 18. World Peltier Cooling Modules Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Peltier Cooling Modules Producers in 2022

Table 20. World Peltier Cooling Modules Average Price by Manufacturer (2018-2023) &

(US\$/K Unit)

Table 21. Global Peltier Cooling Modules Company Evaluation Quadrant

Table 22. World Peltier Cooling Modules Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Peltier Cooling Modules Production Site of Key Manufacturer

Table 24. Peltier Cooling Modules Market: Company Product Type Footprint

Table 25. Peltier Cooling Modules Market: Company Product Application Footprint

Table 26. Peltier Cooling Modules Competitive Factors

Table 27. Peltier Cooling Modules New Entrant and Capacity Expansion Plans

Table 28. Peltier Cooling Modules Mergers & Acquisitions Activity

Table 29. United States VS China Peltier Cooling Modules Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Peltier Cooling Modules Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Peltier Cooling Modules Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Peltier Cooling Modules Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Peltier Cooling Modules Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Peltier Cooling Modules Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Peltier Cooling Modules Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Peltier Cooling Modules Production Market Share (2018-2023)

Table 37. China Based Peltier Cooling Modules Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Peltier Cooling Modules Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Peltier Cooling Modules Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Peltier Cooling Modules Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Peltier Cooling Modules Production Market Share (2018-2023)

Table 42. Rest of World Based Peltier Cooling Modules Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Peltier Cooling Modules Production



Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Peltier Cooling Modules Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Peltier Cooling Modules Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Peltier Cooling Modules Production Market Share (2018-2023)

Table 47. World Peltier Cooling Modules Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Peltier Cooling Modules Production by Type (2018-2023) & (K Units)

Table 49. World Peltier Cooling Modules Production by Type (2024-2029) & (K Units)

Table 50. World Peltier Cooling Modules Production Value by Type (2018-2023) & (USD Million)

Table 51. World Peltier Cooling Modules Production Value by Type (2024-2029) & (USD Million)

Table 52. World Peltier Cooling Modules Average Price by Type (2018-2023) & (US\$/K Unit)

Table 53. World Peltier Cooling Modules Average Price by Type (2024-2029) & (US\$/K Unit)

Table 54. World Peltier Cooling Modules Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Peltier Cooling Modules Production by Application (2018-2023) & (K Units)

Table 56. World Peltier Cooling Modules Production by Application (2024-2029) & (K Units)

Table 57. World Peltier Cooling Modules Production Value by Application (2018-2023) & (USD Million)

Table 58. World Peltier Cooling Modules Production Value by Application (2024-2029) & (USD Million)

Table 59. World Peltier Cooling Modules Average Price by Application (2018-2023) & (US\$/K Unit)

Table 60. World Peltier Cooling Modules Average Price by Application (2024-2029) & (US\$/K Unit)

Table 61. Ferrotec Basic Information, Manufacturing Base and Competitors

Table 62. Ferrotec Major Business

Table 63. Ferrotec Peltier Cooling Modules Product and Services

Table 64. Ferrotec Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Ferrotec Recent Developments/Updates



Table 66. Ferrotec Competitive Strengths & Weaknesses

Table 67. Coherent Corp (formerly II-VI Incorporated) Basic Information, Manufacturing Base and Competitors

Table 68. Coherent Corp (formerly II-VI Incorporated) Major Business

Table 69. Coherent Corp (formerly II-VI Incorporated) Peltier Cooling Modules Product and Services

Table 70. Coherent Corp (formerly II-VI Incorporated) Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Coherent Corp (formerly II-VI Incorporated) Recent Developments/Updates

Table 72. Coherent Corp (formerly II-VI Incorporated) Competitive Strengths & Weaknesses

Table 73. KELK Ltd (Komatsu) Basic Information, Manufacturing Base and Competitors

Table 74. KELK Ltd (Komatsu) Major Business

Table 75. KELK Ltd (Komatsu) Peltier Cooling Modules Product and Services

Table 76. KELK Ltd (Komatsu) Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. KELK Ltd (Komatsu) Recent Developments/Updates

Table 78. KELK Ltd (Komatsu) Competitive Strengths & Weaknesses

Table 79. Laird Thermal Systems Basic Information, Manufacturing Base and Competitors

Table 80. Laird Thermal Systems Major Business

Table 81. Laird Thermal Systems Peltier Cooling Modules Product and Services

Table 82. Laird Thermal Systems Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Laird Thermal Systems Recent Developments/Updates

Table 84. Laird Thermal Systems Competitive Strengths & Weaknesses

Table 85. Z-MAX Basic Information, Manufacturing Base and Competitors

Table 86. Z-MAX Major Business

Table 87. Z-MAX Peltier Cooling Modules Product and Services

Table 88. Z-MAX Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Z-MAX Recent Developments/Updates

Table 90. Z-MAX Competitive Strengths & Weaknesses

Table 91. Thermion Company Basic Information, Manufacturing Base and Competitors

Table 92. Thermion Company Major Business

Table 93. Thermion Company Peltier Cooling Modules Product and Services

Table 94. Thermion Company Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Thermion Company Recent Developments/Updates

Table 96. Thermion Company Competitive Strengths & Weaknesses

Table 97. Crystal Ltd Basic Information, Manufacturing Base and Competitors

Table 98. Crystal Ltd Major Business

Table 99. Crystal Ltd Peltier Cooling Modules Product and Services

Table 100. Crystal Ltd Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Crystal Ltd Recent Developments/Updates

Table 102. Crystal Ltd Competitive Strengths & Weaknesses

Table 103. Guangdong Fuxin Technology Basic Information, Manufacturing Base and Competitors

Table 104. Guangdong Fuxin Technology Major Business

Table 105. Guangdong Fuxin Technology Peltier Cooling Modules Product and Services

Table 106. Guangdong Fuxin Technology Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Guangdong Fuxin Technology Recent Developments/Updates

Table 108. Guangdong Fuxin Technology Competitive Strengths & Weaknesses

Table 109. CUI Devices Basic Information, Manufacturing Base and Competitors

Table 110. CUI Devices Major Business

Table 111. CUI Devices Peltier Cooling Modules Product and Services

Table 112. CUI Devices Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. CUI Devices Recent Developments/Updates

Table 114. CUI Devices Competitive Strengths & Weaknesses

Table 115. Kryotherm Industries Basic Information, Manufacturing Base and Competitors

Table 116. Kryotherm Industries Major Business

Table 117. Kryotherm Industries Peltier Cooling Modules Product and Services

Table 118. Kryotherm Industries Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Kryotherm Industries Recent Developments/Updates

Table 120. Kryotherm Industries Competitive Strengths & Weaknesses

Table 121. KJLP Basic Information, Manufacturing Base and Competitors

Table 122. KJLP Major Business

Table 123. KJLP Peltier Cooling Modules Product and Services

Table 124. KJLP Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. KJLP Recent Developments/Updates

Table 126. KJLP Competitive Strengths & Weaknesses

Table 127. TE Technology Basic Information, Manufacturing Base and Competitors

Table 128. TE Technology Major Business

Table 129. TE Technology Peltier Cooling Modules Product and Services

Table 130. TE Technology Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. TE Technology Recent Developments/Updates

Table 132. TE Technology Competitive Strengths & Weaknesses

Table 133. Phononic Basic Information, Manufacturing Base and Competitors

Table 134. Phononic Major Business

Table 135. Phononic Peltier Cooling Modules Product and Services

Table 136. Phononic Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Phononic Recent Developments/Updates

Table 138. Phononic Competitive Strengths & Weaknesses

Table 139. Merit Technology Group Basic Information, Manufacturing Base and Competitors

Table 140. Merit Technology Group Major Business

Table 141. Merit Technology Group Peltier Cooling Modules Product and Services

Table 142. Merit Technology Group Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Merit Technology Group Recent Developments/Updates

Table 144. Merit Technology Group Competitive Strengths & Weaknesses

Table 145. KYOCERA Basic Information, Manufacturing Base and Competitors

Table 146. KYOCERA Major Business

Table 147. KYOCERA Peltier Cooling Modules Product and Services

Table 148. KYOCERA Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. KYOCERA Recent Developments/Updates

Table 150. Thermonamic Electronics Basic Information, Manufacturing Base and Competitors

Table 151. Thermonamic Electronics Major Business

Table 152. Thermonamic Electronics Peltier Cooling Modules Product and Services

Table 153. Thermonamic Electronics Peltier Cooling Modules Production (K Units), Price (US\$/K Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 154. Global Key Players of Peltier Cooling Modules Upstream (Raw Materials)

Table 155. Peltier Cooling Modules Typical Customers

Table 156. Peltier Cooling Modules Typical Distributors

## **LIST OF FIGURE**

Figure 1. Peltier Cooling Modules Picture

Figure 2. World Peltier Cooling Modules Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Peltier Cooling Modules Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Peltier Cooling Modules Production (2018-2029) & (K Units)

Figure 5. World Peltier Cooling Modules Average Price (2018-2029) & (US\$/K Unit)

Figure 6. World Peltier Cooling Modules Production Value Market Share by Region (2018-2029)

Figure 7. World Peltier Cooling Modules Production Market Share by Region (2018-2029)

Figure 8. North America Peltier Cooling Modules Production (2018-2029) & (K Units)

Figure 9. Europe Peltier Cooling Modules Production (2018-2029) & (K Units)

Figure 10. China Peltier Cooling Modules Production (2018-2029) & (K Units)

Figure 11. Japan Peltier Cooling Modules Production (2018-2029) & (K Units)

Figure 12. South Korea Peltier Cooling Modules Production (2018-2029) & (K Units)

Figure 13. Peltier Cooling Modules Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 16. World Peltier Cooling Modules Consumption Market Share by Region (2018-2029)

Figure 17. United States Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 18. China Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 19. Europe Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 20. Japan Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 21. South Korea Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 23. India Peltier Cooling Modules Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Peltier Cooling Modules by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Peltier Cooling Modules Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Peltier Cooling Modules Markets in 2022

Figure 27. United States VS China: Peltier Cooling Modules Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Peltier Cooling Modules Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Peltier Cooling Modules Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Peltier Cooling Modules Production Market Share 2022

Figure 31. China Based Manufacturers Peltier Cooling Modules Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Peltier Cooling Modules Production Market Share 2022

Figure 33. World Peltier Cooling Modules Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Peltier Cooling Modules Production Value Market Share by Type in 2022

Figure 35. Single-stage Modules

Figure 36. Multi-stage Modules

Figure 37. Others

Figure 38. World Peltier Cooling Modules Production Market Share by Type (2018-2029)

Figure 39. World Peltier Cooling Modules Production Value Market Share by Type (2018-2029)

Figure 40. World Peltier Cooling Modules Average Price by Type (2018-2029) & (US\$/K Unit)

Figure 41. World Peltier Cooling Modules Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Peltier Cooling Modules Production Value Market Share by Application in 2022

Figure 43. Consumer Electronics

Figure 44. Communication

Figure 45. Medical Experiment

Figure 46. Automobile

Figure 47. Industrial

Figure 48. Aerospace Defense

Figure 49. Others

Figure 50. World Peltier Cooling Modules Production Market Share by Application (2018-2029)

Figure 51. World Peltier Cooling Modules Production Value Market Share by Application (2018-2029)

Figure 52. World Peltier Cooling Modules Average Price by Application (2018-2029) & (US\$/K Unit)

Figure 53. Peltier Cooling Modules Industry Chain

Figure 54. Peltier Cooling Modules Procurement Model

Figure 55. Peltier Cooling Modules Sales Model

Figure 56. Peltier Cooling Modules Sales Channels, Direct Sales, and Distribution

Figure 57. Methodology

Figure 58. Research Process and Data Source



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