

Solid-State Cooling - Global Market Outlook (2018-2027)

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Abstracts

According to Statistics MRC, the Global Solid-State Cooling Market is accounted for \$358.54 million in 2018 and is expected to reach \$1002.29 million by 2027 growing at a CAGR of 12.1% during the forecast period. Increasing knowledge of green energy and developing a focus on curbing greenhouse gas emissions, growing demand for various applications in industries such as healthcare, automotive, semiconductor and electronics are some of the factors fuelling the market growth. However, the higher cost compared to conventional cooling and refrigeration systems is one of the restraining factors for the market.

The solid-state cooling systems offer low upkeep and high dependability over traditional cooling and refrigeration frameworks. These frameworks are broadly utilized in electronic, medicinal, media communications, and aviation businesses. This progression in the technology stems from the development of new semiconductor materials and the research that explores the potential thermoelectric cooling.

Based on End User, the Aerospace segment is likely to have a huge demand in emerging countries due to reduction of weight associated with the thermal management systems and high efficiency in cooling in the aerospace industry. By Geography, Asia Pacific is going to have a lucrative growth during the forecast period due to the growing demand for consumer goods, industrial automation, and healthcare monitoring are the major drivers of this region.

Some of the key players profiled in the Solid-State Cooling market include Z-Max, Thermonamic Electronics, Thermion Company, TEC Microsystems, TE Technology, RMT Ltd, Phononic, P&N Technology, O-Flexx Technologies, Micropelt, Laird Thermal Systems, Kryotherm, Kelk Ltd., II-VI Marlow, HUI Mao, HI-Z Technology, Ferrotec,

Everredtronics, Crystal Ltd., and Alphabet Energy.

Types Covered:

Thermocycler

Single Stage

Multi Stage

Products Covered:

Cooling Systems

Refrigeration System

End Users Covered:

Consumer

Semiconductor and Electronics

Automotive

Healthcare

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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