

Global Miniature Thermoelectric Modules (TEM) Market Research Report 2023

<https://marketpublishers.com/r/G331729E921FEN.html>

Date: December 2023

Pages: 115

Price: US\$ 2,900.00 (Single User License)

ID: G331729E921FEN

Abstracts

Miniature Thermoelectric Module (TEM) is a small and highly reliable thermoelectric cooling chip driven by a small amount of current.

Miniature Thermoelectric Modules (TEM) are products developed to meet the development trend of precise temperature control and device miniaturization.

According to QYResearch's new survey, global Miniature Thermoelectric Modules (TEM) market is projected to reach US\$ million in 2029, increasing from US\$ million in 2022, with the CAGR of % during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Miniature Thermoelectric Modules (TEM) market research.

Global Thermoelectric Cooler (TEC) Modules market is projected to reach US\$ 1766.3 million in 2029, increasing from US\$ 838.7 million in 2022, with the CAGR of 11.1% during the period of 2023 to 2029.

Demand from Consumer Electronics and Communication are the major drivers for the industry.

China is the largest market, with a share about 28%, followed by North America and Japan with the share about 23% and 20%.

Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation

(2023-2029), aims to help readers to get a comprehensive understanding of global Miniature Thermoelectric Modules (TEM) market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

By Company

Ferrotec

KJLP

FUXIN

KELK

Crystal

Thermonamic Electronics

AMS Technologies

TEC Microsystems GmbH

RMT Ltd

ECOGEN

Custom Thermoelectric

CUI Devices

Hangzhou Aurin

PL Engineering Ltd.

P&N Tech

Wellen Tech

Shenzhen Tecooler technology

Thermoelectric New Energy Technology

Adcol

Mintao

SAGREON

FULIANJING

Segment by Type

Single Stage Miniature Thermoelectric Modules

Multistage Miniature Thermoelectric Modules

Segment by Application

Automotive

Aerospace & Defense

Telecommunications

Medical

Others

Production by Region

North America

Europe

China

Japan

South Korea

Consumption by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The Miniature Thermoelectric Modules (TEM) report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

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