

# Global High Temperature Thermoelectric Coolers (TEC) Market Research Report 2023

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## Abstracts

High Temperature Thermoelectric Coolers (TEC) are rated for intermittent use to temperatures up to 200°C whereas other modules are rated for use up to 80°C. The solder used within is more fatigue resistant which also makes these devices better suited for applications involving thermal cycling.

According to QYResearch's new survey, global High Temperature Thermoelectric Coolers (TEC) 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 High Temperature Thermoelectric Coolers (TEC) 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 High

Temperature Thermoelectric Coolers (TEC) market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

### By Company

Laird

Custom Thermoelectric

Crystal

TE Technology

WAtronix Inc.

P&N Tech

Analog Devices

Thermonamic Electronics

Ferrotec

EVERREDtronics Limited

EGOO

Shenzhen Tecooler technology

Adcol

Thermoelectric New Energy Technology

### Segment by Type

From 80 to 130?

From 130 to 200?

Above 200?

### Segment by Application

Medical

Electronics

Industrial

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 High Temperature Thermoelectric Coolers (TEC) 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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##### 1.2.3 From 130 to 200?

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