

High Power Thermoelectric Modules (TEM) Market, Global Outlook and Forecast 2022-2028

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Abstracts

High Power Thermoelectric Modules are designated as having a Q_{cmax} greater than 100 watts. High Power Thermoelectric Modules are used when large amounts of heat pumping are required.

High Power Thermoelectric Modules are designed to maximize heat pumping capacity. The high density loading factor in these TEMs enables very high cooling capacities and efficiencies to be achieved in standard footprint sizes. The high cooling density enables high performing heat exchangers to be produced in smaller, more efficient sizes.

This report contains market size and forecasts of High Power Thermoelectric Modules (TEM) in global, including the following market information:

Global High Power Thermoelectric Modules (TEM) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global High Power Thermoelectric Modules (TEM) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five High Power Thermoelectric Modules (TEM) companies in 2021 (%)

The global High Power Thermoelectric Modules (TEM) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

From 100 to 199.9 Watts Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of High Power Thermoelectric Modules (TEM) include Ferrotec, Custom Thermoelectric, ECOGEN, uwe electronic, CUI Devices, Kryotherm, Hangzhou Aurin, Beijing Huimao Cooling Equipment and P&N Tech, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the High Power Thermoelectric Modules (TEM) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global High Power Thermoelectric Modules (TEM) Market, by Maximum Cooling Power, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global High Power Thermoelectric Modules (TEM) Market Segment Percentages, by Maximum Cooling Power, 2021 (%)

From 100 to 199.9 Watts

Above 200 Watts

Global High Power Thermoelectric Modules (TEM) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global High Power Thermoelectric Modules (TEM) Market Segment Percentages, by Application, 2021 (%)

Medical Care

Biotechnology

Electronics

Industrial

Automotive

Others

Global High Power Thermoelectric Modules (TEM) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global High Power Thermoelectric Modules (TEM) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

High Power Thermoelectric Modules (TEM) Market, Global Outlook and Forecast 2022-2028

Key companies High Power Thermoelectric Modules (TEM) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies High Power Thermoelectric Modules (TEM) revenues share in global market, 2021 (%)

Key companies High Power Thermoelectric Modules (TEM) sales in global market, 2017-2022 (Estimated), (K Units)

Key companies High Power Thermoelectric Modules (TEM) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Ferrotec

Custom Thermoelectric

ECOGEN

uwe electronic

CUI Devices

Kryotherm

Hangzhou Aurin

Beijing Huimao Cooling Equipment

P&N Tech

Shenzhen Tecooler technology

KJLP

KUOSHAN NEW MATERIALS

SAGREON

SuZhou JinTuan

PL Engineering Ltd.

FUXIN

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