

Global Thermoelectric Generators Market Research Report - Industry Analysis, Size, Share, Growth, Trends and Forecast, 2014 – 2021

<https://marketpublishers.com/r/G7FADBE8352EN.html>

Date: October 2015

Pages: 166

Price: US\$ 3,900.00 (Single User License)

ID: G7FADBE8352EN

Abstracts

This report on global thermoelectric generator (TEG) market segments the market by its applications automotive, industrial, sensors, wearable and others, by power as below 30 W, 30-100 W, 100-1KW and above 1KW, by operational temperature as below 100 Degree C, 100 -500 Degree C, 500-1K degree C and above 1K degree C. It is also segments the thermoelectric market on the basis of material used as Si-Ge, Bi-Te, Pb-Te and by controller type as single directional, bi directional and multi directional.

The report forecasts the global thermoelectric generator (TEG) market to cross US\$ 720 million by the end of 2021. This technology will be following an uphill trend because of its breakthrough properties like - scalability, zero maintenance, absence of moving parts, solid state conversion technology and most importantly its usage of waste heat to generate electricity. Researchers are doing in-depth research to make this commercially viable as this device is also being seen as a step towards sustainable environment.

Companies involved in the production of large scale industrial thermoelectric generators include Thermal Electronics Corp, Marlow Industries, Tecteg MFR, Wellentech and Tegpower. However, various companies have now started investing into consumer utility thermoelectric generators. BioLite stoves, Hatsuden Nabe thermoelectric cookpot, Stove Lite - Light up your room with your Wood Stove, Stealth Power Systems, PowerPot, Devil Watt Wood stove Thermoelectric Generators are the trade names of some of the popular consumer utility thermoelectric generators.

The report gives a 360 degree analysis of the market covering the growth drivers, growth inhibitors, value chain analysis, new product launches and the market perspective of the global thermoelectric generator.

Segmentations in report:

Thermoelectric Generators By Application

Automotive

Industrial

Sensors

Wearable

Others

Thermoelectric Generators By Power

1KW

Thermoelectric Generators By Temperatures

500 degree C

Thermoelectric Generators By Material

Bi-Te

Pb-Te

Others

Thermoelectric Generators By Controller

Single Directional

Bi Directional

Multi Directional

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