

Global Directed Energy Weapons Market Size study, by Technology (High energy laser, High power radio frequency (microwave weapons), Electromagnetic weapons, Sonic weapons), by Application (Homeland Security, Military), by Platform (Land, Airborne, Naval, Space) and Regional Forecasts 2021-2027

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Abstracts

Global Directed Energy Weapons Market is valued at approximately USD 3.62 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 18.70 % over the forecast period 2021-2027. Directed energy weapons is a term used for covering technologies that relate to the production of a beam of concentrated electromagnetic energy or atomic or subatomic particles. Rising Military Expenditure, increased demand in combat operations have led to the adoption of Directed energy weapons across the forecast period. For Instance: as per the Stockholm International Peace Research Institute (SIPRI), total global military expenditure rose to \$1981 billion last year, an increase of 2.6 per cent in real terms from 2019. The five biggest spenders in 2020, which together accounted for 62 per cent of global military expenditure, were the United States, China, India, Russia and the United Kingdom. Also, with the increase in R&D in advanced technologies, the adoption & demand for Directed energy weapons is likely to increase the market growth during the forecast period. However, restrictions on anti-personnel lasers impede the growth of the market over the forecast period of 2021-2027.

Global Directed energy weapons Market is segmented on the basis of geographical region as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world in terms of market share owing to the technological advancement and major defense equipment industry located in this

region. Whereas, Asia-Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027. Factors such as rising military budget, marine boundary disputes between the nations would create profitable growth prospects for the Directed energy weapons Market across Asia-Pacific region.

Major market players included in this report are:

Lockheed Martin Corporation
Raytheon Technologies Corporation
Northrop Grumman Corporation
Thales Group
BAE Systems Plc.
The Boeing Company
Textron Inc.
Rheinmetall
L3harris Technologies
Rafael Advanced Defence Systems

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the Platform within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

High energy laser
High power radio frequency (microwave weapons)
Electromagnetic weapons
Sonic weapons

By Application:

Homeland security
Military

By Platform:

Land
Airborne
Naval
Space

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Directed Energy Weapons Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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