

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

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Global Directed Energy Weapons Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Global Directed Energy Weapons Market, by Technology, 2019-2027 (USD Billion)
 - 1.2.3. Global Directed Energy Weapons Market, by Application, 2019-2027 (USD Billion)
 - 1.2.4. Global Directed Energy Weapons Market, by Platform, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL DIRECTED ENERGY WEAPONS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Platform Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL DIRECTED ENERGY WEAPONS MARKET DYNAMICS

- 3.1. Global Directed Energy Weapons Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising Military Expenditure
 - 3.1.1.2. Increased demand in combat operations
 - 3.1.2. Market Challenges
 - 3.1.2.1. Restrictions on anti-personnel lasers
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increase in R&D in advanced technologies

CHAPTER 4. GLOBAL DIRECTED ENERGY WEAPONS MARKET PLATFORM ANALYSIS

Global Directed Energy Weapons Market Size study, by Technology (High energy laser, High power radio frequency...

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)

4.2. PEST Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

4.5. Top investment opportunity

4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

5.1.1. Assessment of the overall impact of COVID-19 on the Platform

5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL DIRECTED ENERGY WEAPONS MARKET, BY TECHNOLOGY

6.1. Market Snapshot

6.2. Global Directed Energy Weapons Market by Technology, Performance - Potential Analysis

6.3. Global Directed Energy Weapons Market Estimates & Forecasts by Technology, 2018-2027 (USD Billion)

6.4. Global Directed Energy Weapons Market, Sub Segment Analysis

- 6.4.1. High energy laser
- 6.4.2. High power radio frequency (microwave weapons)
- 6.4.3. Electromagnetic weapons
- 6.4.4. Sonic weapons

CHAPTER 7. GLOBAL DIRECTED ENERGY WEAPONS MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global Directed Energy Weapons Market by Application, Performance - Potential Analysis

7.3. Global Directed Energy Weapons Market Estimates & Forecasts by Application, 2018-2027 (USD Billion)

7.4. Global Directed Energy Weapons Market, Sub Segment Analysis

7.4.1. Homeland security

7.4.2. Military

CHAPTER 8. GLOBAL DIRECTED ENERGY WEAPONS MARKET, BY PLATFORM

8.1. Market Snapshot

8.2. Global Directed Energy Weapons Market by Platform, Performance - Potential Analysis

8.3. Global Directed Energy Weapons Market Estimates & Forecasts by Platform, 2018-2027 (USD Billion)

8.4. Global Directed Energy Weapons Market, Sub Segment Analysis

8.4.1. Land

8.4.2. Airborne

8.4.3. Naval

8.4.4. Space

CHAPTER 9. GLOBAL DIRECTED ENERGY WEAPONS MARKET, REGIONAL ANALYSIS

9.1. Global Directed Energy Weapons Market, Regional Market Snapshot

9.2. North America Global Directed Energy Weapons Market

9.2.1. U.S. Global Directed Energy Weapons Market

9.2.1.1. Technology breakdown estimates & forecasts, 2018-2027

9.2.1.2. Application breakdown estimates & forecasts, 2018-2027

9.2.1.3. Platform breakdown estimates & forecasts, 2018-2027

9.2.2. Canada Global Directed Energy Weapons Market

9.3. Europe Global Directed Energy Weapons Market Snapshot

9.3.1. U.K. Global Directed Energy Weapons Market

9.3.2. Germany Global Directed Energy Weapons Market

9.3.3. France Global Directed Energy Weapons Market

9.3.4. Spain Global Directed Energy Weapons Market

9.3.5. Italy Global Directed Energy Weapons Market

- 9.3.6. Rest of Europe Global Directed Energy Weapons Market
- 9.4. Asia-Pacific Global Directed Energy Weapons Market Snapshot
 - 9.4.1. China Global Directed Energy Weapons Market
 - 9.4.2. India Global Directed Energy Weapons Market
 - 9.4.3. Japan Global Directed Energy Weapons Market
 - 9.4.4. Australia Global Directed Energy Weapons Market
 - 9.4.5. South Korea Global Directed Energy Weapons Market
 - 9.4.6. Rest of Asia Pacific Global Directed Energy Weapons Market
- 9.5. Latin America Global Directed Energy Weapons Market Snapshot
 - 9.5.1. Brazil Global Directed Energy Weapons Market
 - 9.5.2. Mexico Global Directed Energy Weapons Market
- 9.6. Rest of The World Global Directed Energy Weapons Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Lockheed Martin Corporation
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent developments
 - 10.2.2. Raytheon Technologies Corporation
 - 10.2.3. Northrop Grumman Corporation
 - 10.2.4. Thales Group
 - 10.2.5. BAE Systems Plc.
 - 10.2.6. The Boeing Company
 - 10.2.7. Textron Inc.
 - 10.2.8. Rheinmetall.
 - 10.2.9. L3harris Technologies
 - 10.2.10. Rafael Advanced Defence Systems

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Directed Energy Weapons market, report scope

TABLE 2. Global Directed Energy Weapons market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global Directed Energy Weapons market estimates & forecasts by Technology 2018-2027 (USD Billion)

TABLE 4. Global Directed Energy Weapons market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 5. Global Directed Energy Weapons market estimates & forecasts by Platform 2018-2027 (USD Billion)

TABLE 6. Global Directed Energy Weapons market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global Directed Energy Weapons market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Directed Energy Weapons market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Directed Energy Weapons market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Directed Energy Weapons market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Directed Energy Weapons market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Directed Energy Weapons market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Directed Energy Weapons market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Directed Energy Weapons market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Directed Energy Weapons market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. U.S. Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. U.S. Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 18. U.S. Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 19. Canada Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Canada Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. Canada Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 22. UK Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. UK Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. UK Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Germany Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Germany Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Germany Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. RoE Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. RoE Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. RoE Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. China Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. China Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. China Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. India Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. India Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. India Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Japan Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Japan Global Directed Energy Weapons market estimates & forecasts by

segment 2018-2027 (USD Billion)

TABLE 39. Japan Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 40. RoAPAC Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. RoAPAC Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. RoAPAC Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. Brazil Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. Brazil Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Brazil Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. Mexico Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. Mexico Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. Mexico Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. RoLA Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. RoLA Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. RoLA Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. Row Global Directed Energy Weapons market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Row Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Row Global Directed Energy Weapons market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. List of secondary sources, used in the study of Global Directed Energy Weapons market

TABLE 56. List of primary sources, used in the study of Global Directed Energy Weapons market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Directed Energy Weapons market, research methodology
- FIG 2. Global Directed Energy Weapons market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Directed Energy Weapons market, key trends 2020
- FIG 5. Global Directed Energy Weapons market, growth prospects 2021-2027
- FIG 6. Global Directed Energy Weapons market, porters 5 force model
- FIG 7. Global Directed Energy Weapons market, pest analysis
- FIG 8. Global Directed Energy Weapons market, value chain analysis
- FIG 9. Global Directed Energy Weapons market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Directed Energy Weapons market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Directed Energy Weapons market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Directed Energy Weapons market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Directed Energy Weapons market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Directed Energy Weapons market, regional snapshot 2018 & 2027
- FIG 15. North America Global Directed Energy Weapons market 2018 & 2027 (USD Billion)
- FIG 16. Europe Global Directed Energy Weapons market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Global Directed Energy Weapons market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Global Directed Energy Weapons market 2018 & 2027 (USD Billion)
- FIG 19. Global Directed Energy Weapons market, company market share analysis (2020)

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