

Directed Energy Weapons Market 2021-2026: Industry Trends, Size, Share, Key Players, Growth and Opportunities by 2026

SHERIDAN, WY, USA, August 27, 2021 /EINPresswire.com/ -- According to IMARC Group's latest report, titled "[Directed Energy Weapons Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2021-2026](#)," the global directed energy weapons market reached a value of US\$ 17.4 Billion in 2020. Looking forward, IMARC Group expects the market to grow at a CAGR of 21.3% during 2021-2026.



As the novel coronavirus (COVID-19) crisis takes over the world, we are continuously tracking the changes in the markets, as well as the purchase behaviors of the consumers globally—our estimates about the latest market trends and forecast values after considering the impact of this pandemic. These observations will be integrated into the report.

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Directed energy weapons are ranged weapons that employ a beam of concentrated electromagnetic energy for their functioning. They consist of [laser](#), microwave and particle beams to produce highly focused energy, which further aids in demolishing their target. They can be operated at high speeds to allow them to cause disruptive effects to facilities, vehicles, personnel and equipment in an efficient manner. They are extremely precise as they conveniently target fast-moving objects, making them a preferred choice over conventional munitions. They also offer numerous other advantages, such as unlimited magazine, noise-free functioning, and multiple target area coverage, due to which they are extensively installed in aircraft, land vehicles, unmanned vehicles (UMVs), and military ships.

Market Trends and Drivers:

The global directed energy weapons market is primarily driven by the increasing incidences of geographical conflicts and terror attacks across the globe. This has impelled the governments of various countries to increase their defense budgets and implement numerous effective counter-terrorism measures. Consequently, this has contributed to a rise in the uptake of advanced military devices for combat applications and improving national security, thereby catalyzing the demand for directed energy weapons on the global level. Along with this, there has also been a considerable rise in the threats from hypersonic weapons, particularly missiles, in several geographical locations. Directed energy weapons are increasingly being used in these areas for effective missile destruction during its trajectory. The market is further driven by the escalating need to protect civilians against [chemical](#), biological, radiological and nuclear (CBRN) emergencies across the globe. Moreover, numerous key players are increasingly investing in the integration of directed energy weapons with certain military-based drones and UAVs that are anticipated to offer long-range precision targeting while working remotely, which is expected to provide an impetus to the market growth. Some of the other factors driving the growth of the market include the rising need for weapons employing laser technology in the navy and the advent of high-energy laser (HEL) power to intercept cruise missiles.

Directed Energy Weapons Market 2021-2026 Competitive Analysis and Segmentation:

Competitive Landscape With Key Players:

The competitive landscape of the global directed energy weapons market has been studied in the report with the detailed profiles of the key players operating in the market.

Some of these key players include:

Applied Companies
Qinetiq Group PLC
L3harris Technologies Inc.
Raytheon Technologies Corporation
Lockheed Martin Corporation
Textron Inc.
Northrop Grumman Corporation
BAE Systems Plc
The Boeing Company
Rheinmetall Aktiengesellschaft

Key Market Segmentation:

The report has segmented the global directed energy weapons market on the basis of type, application, technology, end use and region.

Breakup by Type:

Lethal
Non-Lethal

Breakup by Application:

Homeland Security
Defense

Breakup by Technology:

High Energy Laser
Chemical Laser
Fiber Laser
Free Electron Laser
Solid -State Laser
High Power Microwave
Particle Beam

Breakup by End Use:

Ship Based
Land Vehicles
Airborne
Gun Shot

Breakup by Region:

North America
Asia Pacific
Europe
Latin America
Middle East and Africa

Explore Full Report with TOC & List of Figure: <https://www.imarcgroup.com/directed-energy-weapons-market>

Key Highlights of the Report:

Market Performance (2015-2020)
Market Outlook (2021-2026)
Porter's Five Forces Analysis
Market Drivers and Success Factors

SWOT Analysis

The Impact of COVID-19 on the Global Market

Value Chain Analysis

Structure of the Global Market

Comprehensive mapping of the competitive landscape

If you need specific information that is not currently within the scope of the report, we will provide it to you as a part of the customization.

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