

# High Energy Lasers Global Market To Grow At Rate Of 13% Through 2026

*The Business Research Company's High Energy Lasers Global Market Report 2022: Market Size, Trends, And Forecast To 2026*

LONDON, GREATER LONDON, UK,  
September 6, 2022 /EINPresswire.com/  
-- According to 'High Energy Lasers Global Market Report 2022 – Market Size, Trends, And Global Forecast 2022-

2026' published by The Business Research Company, the [high power laser market size](#) is expected to grow to \$19.97 billion in 2026 at a CAGR of 13.5%. The rising demand for laser weapon systems in defense is expected to propel the growth of the high-energy laser market going forward.



The Business  
Research Company

High Energy Lasers Global Market Report 2022 –  
Market Size, Trends, And Global Forecast 2022-2026

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The high energy laser market consists of sales of high energy laser devices by entities (organizations, sole traders, and partnerships) that are used to provide heat to the surface of a target. High energy lasers are designed to be operated at lower power levels than their rated maximum, allowing the mission and limitations to be adapted to the impact on the target. The basic operational aspects of a HEL are that it is a line-of-sight system, which means that the target must be visible. The time of flight of the beam is nearly nil, and it only transmits thermal energy to a target's surface over a non-negligible time scale.

## Global High Energy Lasers Market Trends

According to the high power laser market research, emergence of artificial intelligence is a key trend gaining popularity. Many companies operating in the market are focused on developing AI-based products to get competitive advantage. For instance, in April 2022, the US Navy successfully tested the Layered Laser Defense (LLD), a laser weapon designed and developed by Lockheed Martin, US-based aerospace, arms, defense, information security, and technology company. This the Layered Laser Defense (LLD), can use a high-power laser to counter unmanned aerial systems and fast-attack boats, as well as track inbound air threats, support

combat identification, and conduct battle damage assessments of engaged targets. With specialized optics for viewing a target and directing laser beams for maximum effect, as well as artificial intelligence to improve tracking and aiming, LLD is compact and powerful yet more efficient than previous systems.

#### Global [High Energy Lasers Market Segments](#)

The global high energy lasers market is segmented:

By Product Type: Gas Laser, Fiber Laser, Solid State Laser, Excimer Laser

By Application: Cutting, Welding and Drilling, Military and Defence, Communications

By Geography: The global high energy lasers market report is segmented into North America, South America, Asia-Pacific, Eastern Europe, Western Europe, Middle East and Africa. Among these regions, North America accounts for the largest share.

Read more on the global high energy lasers market report here

<https://www.thebusinessresearchcompany.com/report/high-energy-lasers-global-market-report>

High Energy Lasers Global Market Report 2022 is one of a series of new reports from The Business Research Company that provides high energy lasers global market analysis, overviews, and forecasts market size and growth for the global high energy lasers market, high energy lasers global market share, high energy lasers global market segments and geographies, high energy lasers global market players, high energy lasers market leading competitor revenues, profiles and market shares. The high energy lasers market report identifies top countries and segments for opportunities and strategies based on market trends and key competitors' approaches.

TBRC's High Energy Lasers Global Market Report 2022 includes information on the following:

Data Segmentations: Market Size, Global, By Region and Country, Historic and Forecast, and Growth Rates for 60 Geographies

Key Market Players: SICK AG, Petasense Inc, Allegro MicroSystems, Inc., Robert Bosch GmbH, NXP Semiconductors NV, Infineon Technologies AG, Sensoronix, Inc., TE Connectivity, Inc., SPECTEC, Sensor Solutions Corporation, ABB, Rockwell Automation, Inc., STMicroelectronics, Pepperl+Fuchs, and Schneider Electric.

Regions: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.

Countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

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