

IPG Photonics Corporation Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

IPG Photonics Corporation Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between IPG Photonics Corporation and its competitors. This provides our Clients with a clear understanding of IPG Photonics Corporation position in the [Computers and Electronic Equipment](#) Industry.

The report contains detailed information about IPG Photonics Corporation that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for IPG Photonics Corporation. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The IPG Photonics Corporation financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios

pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes IPG Photonics Corporation competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of IPG Photonics Corporation business.

About IPG Photonics Corporation

IPG Photonics Corporation is the developer and manufacturer of a line of high-performance fiber lasers for diverse applications in various markets.

The company's diverse lines of low, mid and high-power lasers and amplifiers are used in materials processing, advanced, communications, and medical applications. The company sells its products to original equipment manufacturers, or OEMs, system integrators and end users. The company has sales offices in the United States, Germany, Italy, the United Kingdom, France, Japan, China, South Korea, Singapore, India and Russia.

Products

The company designs and manufactures a range of optical fiber-based lasers and amplifiers. It also makes packaged diodes, direct diode laser systems and communications systems that utilize its optical fiber-based products. Many of its products are designed to be used as general purpose energy or light sources, making them useful in diverse applications and markets.

The company's products are based on a common proprietary technology platform using the same core components, such as semiconductor diodes and specialty fibers, which the company configures to its customers' specifications. The company also makes complementary products and components that are used with its ultra-high power products, such as fiber couplers, beam switches, optical beam delivery cables and chillers. In addition, the company makes marking systems for sale in India and China.

Lasers

The company's laser products include low (1 to 99 watts), medium (100 to 999 watts) and high (1,000 watts and above) output power lasers from 0.5 to 2 microns in wavelength. The company offers several different types of lasers, which are defined by the type of gain medium they use. These are ytterbium, erbium, thulium and Raman. The company also sells fiber pigtailed packaged diodes and fiber coupled direct diode laser systems that use semiconductor diodes rather than optical fibers as their gain medium. In addition, the company offers high-energy pulsed lasers, multi-wavelength lasers, tunable lasers, single-polarization and single-frequency lasers, as well as other versions of its products.

The company's ytterbium fiber lasers reach power levels up of to 50,000 watts. The company also makes single-mode output ytterbium fiber lasers with power levels of up to 10,000 watts and single-mode output erbium and thulium fiber lasers with power levels of up to 400 watts. The company's design and integrated fiber optic beam delivery allows the company to offer laser energy sources and laser integration for complex production processes. The company also sells laser diode chips and packaged laser diodes operating at 9XX nanometers.

Amplifiers

The company's amplifier products range from milliwatts to up to 1,500 watts of output power from 1 to 2 microns in wavelength. The company offers erbium-doped fiber amplifiers, commonly called EDFAs, Raman amplifiers and integrated communications systems that incorporate its amplifiers. These products are predominantly deployed in broadband networks and dense wavelength division multiplexing, or DWDM, networks such as fiber to the home (FTTH), fiber to the curb (FTTC), and passive optical networks (PON). The company also offers ytterbium and thulium specialty fiber amplifiers and broadband light sources that are used in advanced applications. In addition, the company sells single-frequency, linearly polarized and polarization-maintaining versions of its amplifier products.

In January 2010, the company acquired Photonics Innovations, Inc., a maker of active and passive laser materials and tunable lasers for scientific, biomedical, technological, and eye-safe range-finding applications. The acquisition allows the company to expand its product offerings to the middle infrared region (approximately 2 to 5 microns).

In October 2010, IPG Photonics Corporation and Lincoln Electric Holdings Inc. have formed a strategic partnership to explore global opportunities in the high-power laser welding and cutting market.

Sales and Marketing

The company has sales offices in the United States, Germany, Russia, Italy, China, Japan, South Korea, India, the United Kingdom, Singapore and France. The company's independent sales representatives and distributors are located in the United States, Russia, Japan, Brazil, Mexico and other parts of the world.

Customers

The company sells its products globally to OEMs, system integrators and end users in a range of diverse markets who have the in-house engineering capability to integrate its products into their own systems. The company's end markets include materials processing (comprised of general manufacturing, automotive, heavy industry, aerospace, consumer products and medical device manufacturing, photovoltaic semiconductor and electronics customers), advanced applications (comprised of commercial companies, universities, research entities and government entities), communications (comprised of system integrators, utilities and municipalities) and medical (medical laser systems manufacturers and researchers).

Competition

The company competes with makers of high-power CO₂ and solid-state lasers, including Fanuc, Lasag Ltd., Rofin-Sinar Technologies, Inc. and Trumpf GmbH + Co. KG, and makers of mid and low-power CO₂ and lasers such as Coherent, Inc., GSI Group Inc., Newport Corporation and Rofin-Sinar Technologies, Inc.

The company also competes with fiber laser makers including Rofin-Sinar Technologies, Inc., Trumpf GmbH + Co. KG, GSI Group Inc., Coherent Inc., Newport Corporation, The Furukawa Electric Co., Ltd., Keopsys SA, Mitsubishi Cable Industries,

Ltd., Miyachi Unitek Corporation, MPB Communications Inc., and JDS Uniphase Corporation.

In the communications market, its principal competitors are manufacturers of mid-power fiber amplifiers and DWDM systems, such as Bookham Inc., the Scientific-Atlanta division of Cisco Systems, Inc. (Scientific-Atlanta), Emcore Corporation, JDS Uniphase Corporation, Huawei Corporation and MPB Communications Inc.

History

IPG Photonics Corporation was founded in 1990.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
The complete financial data is available for publicly traded companies.

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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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