

DC-DC Converter Market by Vertical, Form Factor (SIP, DIP, DIN Rail, Box, Chassis Mount, Discreter, Brick), Input Voltage, Output Voltage, Output Power, Output Number, Product Type, Isolation Working Voltage and Region – Global Forecast to 2027

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Abstracts

The global DC-DC converter market size is projected to grow from USD 4.9 billion in 2022 to USD 6.4 billion by 2027, at a CAGR of 5.1% from 2022 to 2027. The market is driven by various factors, such as rise in demand industrial robots, rising industrial automation, investments in alternative sources of energy, expanding telecommunications industry, and a growing healthcare sector.

The DC-DC converter market includes major players TDK Lambda Corporation (Japan), Texas Instruments Incorporated (US), Delta Electronics (Taipei), Flex Ltd. (Singapore) and Infineon Technologies AG (Germany).

“Multiple Power Output: The fastest-growing segment of the DC-DC Converter market, by Output Number. “

Based on the output number, the multiple output DC-DC converters are projected to grow at the highest CAGR rate for the DC-DC converter market during the forecast period. With the increasing demand for power application product throughout the industry, the demand for DC-DC converters is also increasing. The electrical devices are required to work in a regulated environment with varied input voltage in order to work properly. Hence, DC-DC converter with multiple outputs do have varied input voltage levels and are efficient to produce accurate multiple outputs as well.

“DIN Rail: The fastest-growing segment of the DC-DC converter market, by Form

Factor. “

Based on the form factor, the DIN Rail DC-DC converter is projected to grow at the highest CAGR for the DC-DC converter market during the forecast period. DIN rail is a standard metal rail, which is most commonly and widely used for circuit breaker mounting and industrial control equipment. These series of DC-DC converters have the capability of having a wider input voltage and their flexible specification allows devices with incompatible voltages to be easily integrated into industrial systems.

Asia Pacific: The largest contributing region in the DC-DC Converter market.”

The Asia Pacific DC-DC converter market is expected to be driven by rising industrial automation, investments in alternative sources of energy, expanding telecommunications industry, and a growing healthcare sector. The major countries considered under this region are China, Taiwan, India, Australia, Singapore, and Rest of Asia Pacific. China is expected to lead the Asia Pacific DC-DC converter market in 2022. The growth of the Chinese market is attributed to the presence of several major power electronics manufacturers such as TDK-Lambda Corporation, Murata Manufacturing Co. Ltd., Flex Ltd., and Cincon Electronics. These major market players have wide product portfolios that cover almost every industrial application related to power electronics. They also have a wide network of global supply chains, allowing them to engage with customers worldwide and understand their needs. These players regularly invest in R&D to develop new products in the DC-DC converter market.

Breakdown of primaries

The study contains insights from various industry experts, ranging from component suppliers to Tier 1 companies and OEMs. The break-up of the primaries is as follows:

By Company Type: Tier 1–39%; Tier 2–45%; and Tier 3–20%

By Designation: C Level–35%; Directors–25%; and Others–40%

By Region: North America–25%; Europe–15%; Asia Pacific–45%; and Rest of the World–15%

TDK Lambda Corporation (Japan), Texas Instruments Incorporated (US), Delta Electronics (Taipei), Flex Ltd. (Singapore) and Infineon Technologies AG (Germany) are

some of the leading players operating in the DC-DC converter market report.

Research Coverage

The study covers the DC-DC converter market across various segments and subsegments. It aims at estimating the size and growth potential of this market across different segments based on vertical, form factor, input voltage, output voltage, output power, output number, product type, isolation working voltage and region. This study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to their product and business offerings, recent developments undertaken by them, and key market strategies adopted by them.

Reasons to Buy this Report

This report is expected to help market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall DC-DC converter Market and its segments. This study is also expected to provide region wise information about the end use, and wherein DC-DC converter are used. This report aims at helping the stakeholders understand the competitive landscape of the market, gain insights to improve the position of their businesses and plan suitable go-to-market strategies. This report is also expected to help them understand the pulse of the market and provide them with information on key drivers, restraints, challenges, and opportunities influencing the growth of the market.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on tactical data link offered by the top players in the market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the DC-DC converter market

Market Development: Comprehensive information about lucrative markets – the report analyzes the DC-DC converter market across varied regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the DC-DC converter

market

Competitive Assessment: In-depth assessment of market shares, growth strategies, products, and manufacturing capabilities of leading players in the DC-DC converter market

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