

DC-DC Converter Market Insights: Key Trends and Growth Drivers to Watch Through 2027

DC-DC Converter Market Expected to Reach \$17.85 Billion By 2027

WILMINGTON, DE, UNITED STATES, January 3, 2025 /EINPresswire.com/ -- Allied Market Research, titled, "[DC-DC Converter Market](#) By Input Voltage, Output Voltage, Mounting Style, and Application: Global Opportunity Analysis and Industry Forecast, 2020-2027", the global DC-DC Converter market size was valued at \$8.76 billion in 2019, and is projected to reach \$17.85 billion by 2027, registering a CAGR of 11.10% from 2020 to 2027.



Global DC-DC Converter Market
OPPORTUNITIES AND FORECAST, 2020-2027

Global DC-DC Converter Market is expected to reach **\$17.85 Billion** by 2027.

Growing at a **CAGR of 11.10%** (2020-2027)

DC-DC Converter Market Growth

The infographic features a photograph of a blue printed circuit board (PCB) populated with various electronic components. Visible components include three electrolytic capacitors (two labeled '220 35V 220'), a central toroidal inductor, and several integrated circuits. The board is populated with various surface-mount components and has several pins extending from the bottom edge.

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Rise in adoption of electric vehicles, surge in usage of DC-DC converter in railway application, and increase in demand for power electronics component boosts the DC-DC Converter market growth.”

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DC-DC converters that generate a precise and constant current are proving to be a crucial factor in the development of mission-critical electronic components. The DC-to-DC converter is a type of electric power converter that converts a source of direct current (DC) from one voltage level to another. They are increasingly used in portable electronic devices such as cellular phones and laptop computers. Previously before the development of power semiconductors, the primary way to convert the voltage of a DC supply to a higher voltage was via AC.

DC-DC converters are widely used to efficiently produce a regulated voltage from a source that may or may not be well controlled to a load that may or may not be constant. Factors such as growth in the adoption of electric vehicles, development in the telecommunication industry, and penetration of automated systems drive the market for DC-DC converters. However, strict

regulation and safety standards restrict the entry of new players and the rapid development of products, which in turn leads to market restraint.

Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific was the highest revenue generator in 2019, accounting for \$2,854.3 million, and is estimated to garner \$6,302.6 million by 2027, growing at a CAGR of 12.30%.

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The global DC-DC converter market is segmented based on input voltage, output voltage, mounting style, application, end user, and region. Based on the input voltage, the market is divided into 5-36V, 36-75V, and 75V & above. Based on the output voltage, the market is divided into 3.3V, 5V, 12V and 15V and above. By mounting style, the market is bifurcated into surface mount and through hole. Based on application, the market is classified into smartphones, servers & storage, EV battery management units, railway, and medical equipment. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

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The [DC-DC Converter industry](#) key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

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TEXAS INSTRUMENTS INCORPORATED

GENERAL ELECTRIC

MORNSUN, ERICSSON

RECOM Power GmbH

Traco Electronic AG

Delta Electronics, Inc.

Vicor Corporation

TDK-Lambda Corporation

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- By mounting style, the through hole held the highest revenue in the DC-DC Converter market in 2019.
- By application, the smartphone segment held the highest revenue in 2019.
- By output voltage, the 5V segment held the highest revenue share of the market in 2019, as per

the [DC-DC Converter market analysis](#).

- By region, Asia-Pacific is expected to dominate the market, garnering a major DC-DC Converter market share during the forecast period.

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