

Automotive DC-DC Converters Market - 2022-2030

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Abstracts

The Automotive DC-DC Converters Market was valued at USD 604.4 million in 2022 and is anticipated to reach USD 6,159.0 million by 2030, at a CAGR of 0.337 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Automotive DC-DC Converters Market.

This report delivers a comprehensive overview of the Automotive DC-DC Converters Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Automotive DC-DC Converters Market. The Automotive DC-DC Converters Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2022–2030.

Automotive DC-DC Converters Market Scope:

By Product

Isolated DC-DC Converters

Non-Isolated DC-DC Converters

By Propulsion

Battery Electric Vehicles (BEVs)

Fuel Cell Electric Vehicles (FCEVs)

Plug-in Hybrid Vehicles (PHEVs)

By Input Voltage

Below 40V

40-70V

Above 70V

By Output Voltage

3.3V

5V

12V

15V

24V and Above

By Output Power

Below 1kW

1-10kW

10-20kW

Above 20kW

By Vehicle

Commercial Vehicles

Passenger Vehicles

By Application

Power Electronics

Lighting Systems

Infotainment Systems

Electric Powertrain Systems

Safety Systems

Others

Key Players

Infineon Technologies AG

Texas Instruments Incorporated

ROHM Semiconductor

STMicroelectronics

Mitsubishi Electric Corporation

Toshiba Electronic Devices & Storage Corporation

Panasonic Corporation

Renesas Electronics Corporation

Delta Electronics, Inc.

Vicor Corporation(LIST NOT EXHAUSTIVE)

Major Highlights

This report delivers a comprehensive overview of the Automotive DC-DC Converters Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Automotive DC-DC Converters Market. The Automotive DC-DC Converters Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2022–2030.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

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