

DC-DC Converter Market By Input Voltage (5-36V, 36-75V, 75V and Above), Output Voltage (3.3V, 5V, 12V, 15V and Above), Mounting Style (Surface Mount and Through Hole), Application (Smartphone, Servers & Storage, EV Battery Management Unit, Railway, and Medical Equipment): Global Opportunity Analysis and Industry Forecast, 2020–2027

<https://marketpublishers.com/r/DF35A5548F69EN.html>

Date: October 2020

Pages: 289

Price: US\$ 5,769.00 (Single User License)

ID: DF35A5548F69EN

Abstracts

DC-DC converters are high-frequency power conversion circuits that use high-frequency switching and inductors, transformers, and capacitors to smooth out switching noise into regulated DC voltages. DC-to-DC converters are used to reduce high voltage DC input to low voltage DC output for some specific appliances. They are also used to isolate some highly sensitive components in a circuit from other components of the circuit to avoid any kind of damage.

The significant factors impacting the growth of the global DC-DC Converter market include rise in adoption of electric vehicles, surge in usage of DC-DC converter in railway application, and increase in demand for power electronics component drive the market growth. However, regulation and safety standards hamper the DC-DC Converter market growth. On the contrary, rising adoption of 5G technology in developed countries is expected to create lucrative DC-DC converter market.

The global DC-DC converter market is segmented on the basis of input voltage, output voltage, mounting style, application, 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 & above. By mounting style, the market is bifurcated into, surface mount and through hole. Based on the application, the market is

categorized into smartphone, servers & storage, EV battery management unit, railway, and medical equipment. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The key players that have major global DC-DC Converter market share include Ericsson, Texas Instruments, Murata Manufacturing Co. Ltd., General Electric (GE), Delta Electronics, Inc., Vicor Corporation, TDK-Lambda Corporation, among others are profiled in this report. The global DC-DC Converter industry key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements, among others to influence the market growth.

Key Benefits For Stakeholders

This study comprises analytical depiction of the global DC-DC Converter market size along with the current global DC-DC Converter market trends and future estimations to depict the imminent investment pockets.

The overall DC-DC Converter market analysis is determined to understand the profitable trends to gain a stronger foothold.

The report presents information related to key drivers, restraints, and DC-DC Converter market opportunities with a detailed impact analysis.

The current DC-DC Converter market forecast is quantitatively analyzed from 2019 to 2027 to benchmark the financial competency.

Porter's five forces analysis illustrates the potency of the buyers and suppliers in the DC-DC Converter industry.

DC-DC Converter Market Key Segments

By Input Voltage

5-36V

36-75V

75V and above

By Output Voltage

3.3V

5V

12V

15V and above

By Mounting Style

Surface Mount

Through Hole

By Application

Electronic Devices

Servers & Storage

EV Battery Management Unit

Railway Traction

Medical Equipment

By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key Market Players

Ericsson

Texas Instruments

Murata Manufacturing Co. Ltd.

General Electric (GE)

Delta Electronics Inc.

Vicor Corporation

TDK-Lambda Corporation

Others

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