

Global Air-cooled DC Converter Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G94DE2A8ED37EN.html>

Date: April 2025

Pages: 110

Price: US\$ 3,480.00 (Single User License)

ID: G94DE2A8ED37EN

Abstracts

According to our (Global Info Research) latest study, the global Air-cooled DC Converter market size was valued at US\$ 1813 million in 2024 and is forecast to a readjusted size of USD 2624 million by 2031 with a CAGR of 6.0% during review period.

Air-cooled DC converter is a power electronic device that uses air-cooling technology to convert DC power from one voltage level to another. Its core feature is that it uses fans or natural airflow for heat dissipation without the need for an additional liquid cooling system, so it has a simple structure, low maintenance cost and high reliability. It is widely used in renewable energy (such as solar energy, wind energy), electric vehicles, industrial power supplies, communication base stations and other fields, especially in medium and low power scenarios.

This report is a detailed and comprehensive analysis for global Air-cooled DC Converter market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Air-cooled DC Converter market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Air-cooled DC Converter market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Air-cooled DC Converter market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Air-cooled DC Converter market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Air-cooled DC Converter

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Air-cooled DC Converter market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Vitesco Technologies, Hopewind, Siemens, Bosch, ROHM Semiconductor, Mitsubishi Electric, Fuji Electric, Premium PSU, XP Power, GE, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Air-cooled DC Converter market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Boost Converter

Buck Converter

Boost-boost Converter

Market segment by Application

Communications Industry

Electronics Industry

Transportation Industry

Automotive Industry

Major players covered

Vitesco Technologies

Hopewind

Siemens

Bosch

ROHM Semiconductor

Mitsubishi Electric

Fuji Electric

Premium PSU

XP Power

GE

Wakefield Thermal

Tame-Power

Toshiba

Infineon

Danfoss

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Air-cooled DC Converter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Air-cooled DC Converter, with price, sales quantity, revenue, and global market share of Air-cooled DC Converter from 2020 to 2025.

Chapter 3, the Air-cooled DC Converter competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Air-cooled DC Converter breakdown data are shown at the regional

level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Air-cooled DC Converter market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Air-cooled DC Converter.

Chapter 14 and 15, to describe Air-cooled DC Converter sales channel, distributors, customers, research findings and conclusion.

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