

Global Matrix Converter Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Matrix Converter market size is expected to reach \$ 807.1 million by 2029, rising at a market growth of 3.8% CAGR during the forecast period (2023-2029).

In the global market, the core manufacturers of Matrix Converters are Yaskawa and Fuji Electric, with the top two companies in the industry accounting for more than 99% of the market share. North America, Europe, Japan, and China are the main production regions for this product, and they all occupy about 20% of the global market share. The product is categorised into low voltage converters and medium voltage converters based on the product type. The products are widely used in general machinery, HVAC and compressors, cranes and hoists, pumps and fans, oil and gas, new energy and other industries.

Matrix Converter is defined as a converter with a single stage of conversion. It utilizes bidirectional controlled switch to achieve automatic conversion of power from AC to AC. It provides an alternative to PWM voltage rectifier doublesided.

Currently, only Yaskawa and Fuji Electric have commercially produced Matrix Converter products. Manufacturers like ABB believe that the MC technology is attractive, but it requires more research before it can be fully explored for industrial applications.

This report studies the global Matrix Converter production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Matrix Converter, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and

competition, as well as details the characteristics of Matrix Converter that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Matrix Converter total production and demand, 2018-2029, (K Units)

Global Matrix Converter total production value, 2018-2029, (USD Million)

Global Matrix Converter production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Matrix Converter consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Matrix Converter domestic production, consumption, key domestic manufacturers and share

Global Matrix Converter production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Matrix Converter production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Matrix Converter production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Matrix Converter market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Yaskawa and Fuji Electric etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Matrix Converter market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Matrix Converter Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Matrix Converter Market, Segmentation by Type

Low Voltage Converter

Medium Voltage Converter

Global Matrix Converter Market, Segmentation by Application

General-purpose Machinery

HVAC and Compressors

Cranes and Hoists

Pumps and Fans

Oil & gas

New Energy

Others

Companies Profiled:

Yaskawa

Fuji Electric

Key Questions Answered

1. How big is the global Matrix Converter market?
2. What is the demand of the global Matrix Converter market?
3. What is the year over year growth of the global Matrix Converter market?
4. What is the production and production value of the global Matrix Converter market?
5. Who are the key producers in the global Matrix Converter market?

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