

North America Medium Voltage Drives Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 to 2034

<https://marketpublishers.com/r/N26EDF102AAEEN.html>

Date: November 2024

Pages: 95

Price: US\$ 4,850.00 (Single User License)

ID: N26EDF102AAEEN

Abstracts

North America Medium Voltage Drives Market was valued at USD 430.4 million in 2024 and is projected to grow at a CAGR of 6.1% between 2025 and 2034. The market growth is driven by increased investments in industrial development, manufacturing optimization programs, and rising demand for energy-efficient motor control systems. Regulatory frameworks emphasizing reduced energy consumption and improved efficiency support the positive market outlook.

The AC drive segment is forecasted to generate USD 610 million by 2034, fueled by the growing automation of industrial processes and advancements in energy-efficient technologies. These drives provide precise motor control with enhanced connectivity options, aligning with the industry's focus on process optimization. The increasing adoption of advanced motor control units and the shift toward modernized manufacturing techniques across various industries are key factors propelling segment growth. Additionally, a heightened emphasis on energy conservation enhances the demand for AC drives across multiple applications.

The pump segment is anticipated to grow at a CAGR of 5.5% through 2034, supported by technological innovations that enable precise pump speed and output regulation. These improvements enhance efficiency, minimize downtime, and reduce maintenance costs across diverse sectors, including water management, irrigation, HVAC, and industrial operations. The integration of intelligent drive systems, driven by advancements in technology and cost-efficient production methods, bolsters the adoption of medium voltage drives in this segment.

U.S medium voltage drives market is expected to generate USD 510 million by 2034.

This growth is attributed to the increasing demand for reliable motor control systems and government initiatives promoting energy-efficient technologies. Regulatory measures to enhance energy efficiency are driving technological advancements and expanding the adoption of these solutions. Additionally, the acceleration of industrial automation, infrastructure development, and the need for cost-effective energy solutions reinforce the market's growth trajectory.

North America medium voltage drives market is poised for robust growth, backed by rising industrial modernization, regulatory support for energy optimization, and continuous advancements in drive technologies. The focus on reducing operational costs and improving system efficiency will continue to shape the industry dynamics, positioning medium voltage drives as a critical component in various industrial applications.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid
 - 1.4.2.2 Public

CHAPTER 2 INDUSTRY INSIGHTS

- 2.1 Industry ecosystem analysis
- 2.2 Regulatory landscape
- 2.3 Industry impact forces
 - 2.3.1 Growth drivers
 - 2.3.2 Industry pitfalls & challenges
- 2.4 Growth potential analysis
- 2.5 Porter's analysis
 - 2.5.1 Bargaining power of suppliers
 - 2.5.2 Bargaining power of buyers
 - 2.5.3 Threat of new entrants
 - 2.5.4 Threat of substitutes
- 2.6 PESTEL analysis

CHAPTER 3 COMPETITIVE LANDSCAPE, 2024

- 3.1 Introduction
- 3.2 Strategic dashboard
- 3.3 Innovation & sustainability landscape

CHAPTER 4 MARKET SIZE AND FORECAST, BY POWER RANGE, 2021 – 2034 (USD MILLION, UNITS)

- 4.1 Key trends
- 4.2 ? 1 MW
- 4.3 1 MW - 3 MW
- 4.4 3 MW - 7 MW
- 4.5 > 7 MW

CHAPTER 5 MARKET SIZE AND FORECAST, BY DRIVE, 2021 – 2034 (USD MILLION, UNITS)

- 5.1 Key trends
- 5.2 AC
- 5.3 DC
- 5.4 Servo

CHAPTER 6 MARKET SIZE AND FORECAST, BY APPLICATION, 2021 – 2034 (USD MILLION, UNITS)

- 6.1 Key trends
- 6.2 Pump
- 6.3 Fan
- 6.4 Conveyor
- 6.5 Compressor
- 6.6 Extruder
- 6.7 Others

CHAPTER 7 MARKET SIZE AND FORECAST, BY END-USE, 2021 – 2034 (USD MILLION, UNITS)

- 7.1 Key trends
- 7.2 Oil & gas
- 7.3 Power generation
- 7.4 Mining & metals
- 7.5 Pulp & paper
- 7.6 Marine
- 7.7 Others

CHAPTER 8 MARKET SIZE AND FORECAST, BY COUNTRY, 2021 – 2034 (USD MILLION, UNITS)

8.1 Key trends

8.2 U.S

8.3 Canada

8.4 Mexico

CHAPTER 9 COMPANY PROFILES

9.1 ABB

9.2 Delta Electronics

9.3 Danfoss

9.4 Emerson Electric

9.5 Eaton

9.6 Fuji Electric

9.7 GE Vernova

9.8 Invertek Drives

9.9 Johnson Controls

9.10 Nidec Motor

9.11 Omron

9.12 Parker Hannifin

9.13 Rockwell Automation

9.14 Schneider Electric

9.15 Siemens

9.16 TMEIC

9.17 WEG

9.18 Yaskawa

I would like to order

Product name: North America Medium Voltage Drives Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 to 2034

Product link: <https://marketpublishers.com/r/N26EDF102AAEEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N26EDF102AAEEN.html>