

Medium Voltage Drives Report - 2021

Part of the Electric Motor Systems Service Area Package

Monitor and analyze important trends, gauge market shifts and make informed business decisions.

“ This intelligence service lends insight into market trends and suppliers relevant to the MV drives market, which has specificity and customized elements that differentiate it from other motor control equipment. ”

Kevin Schiller
Senior Analyst

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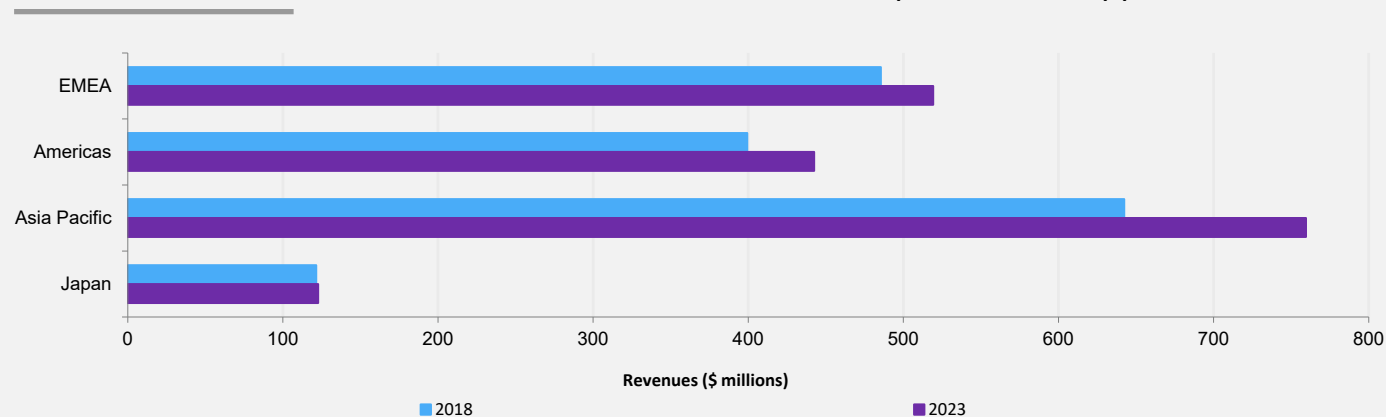
HOW OMDIA HELPS YOU

- Timely access to current data on revenues, units, and ASPs for Americas, Asia-Pacific, EMEA, and Japan
- Global and regional five year forecasts for revenues, units, and ASPs
- Over 15 discrete and process sectors covered
- Topline reports on three in-depth research topics
- Market shares by major region and for each topline where applicable

KEY QUESTIONS ADDRESSED

- What are the primary and burgeoning opportunities for medium voltage drive market growth?
- Who are the primary global and regional suppliers of medium voltage drives, and which are gaining/losing market share?
- How is the competitive landscape changing and what are the primary contributing factors?
- How does the market growth of medium voltage drives compare to other control equipment and medium voltage infrastructure?

The market for MV drives by world region



Source: Omdia

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Medium Voltage Drives: Database

Medium Voltage Drives Intelligence Database

Five sets of data will be provided each year. In August, Omdia will publish market statistics on EMEA, Americas, Asia-Pacific, and Japan as well as consolidated global statistics. An annual summary is also provided; a combined qualitative insight for the five sets of data (Americas, EMEA, Asia-Pacific, Japan and consolidated global statistics) into a single deliverable.

Frequency: Annual

Measures

- Revenue
- Market shares
- Units
- ASP

Regions

- EMEA
- Americas
- APAC
- Japan

Coverage

- Motor Control
- Applications
- Power Rating
- Voltage
- Process Industry Sector
- Discreet Industry Sector
- Other Sectors
- Cooling Method
- Harmonic Mitigation
- Topology
- Hardware
- Power Semi
- Sales Channel

*Further details at
Research Coverage page*

Regions

EMEA

- Africa
- Austria &
- Switzerland
- Benelux
- Central & E. Europe
- France
- Germany
- Italy
- Middle East
- Nordic Countries
- Poland
- Russian Fed. & CIS
- Spain & Portugal
- Turkey
- UK & Ireland

Americas

- Brazil
- Canada
- Mexico
- Rest of Latin America
- United States

APAC

- China
- India
- Oceania
- South Korea
- Taiwan
- Thailand
- Rest of Asia

Japan

- Japan

Medium Voltage Drives: Research Coverage

MOTOR CONTROL

- Induction
- Synchronous
 - Electromagnetic
 - Permanent Magnet

APPLICATIONS

- Compressors
 - Reciprocating
 - Centrifugal
- Conveyors
- Cranes & Hoists
- Extruders & Mixers
- Fans
- HVAC/Refrigeration
- Pumps
- Rolling Mills
- Soft Starters
- Test Stands
- Other Applications

POWER RATING

- < 500kW
- 500kW - 1MW
- 1.1MW - 1.5MW
- 1.6MW - 3MW
- 3.1MW - 5MW
- 5.1MW - 7MW
- 7.1MW - 10MW
- > 10MW

VOLTAGE

- 1kV - 2.3kV
- 3.3kV
- 4.16kV
- 5kV - 7.2kV
- 10kV
- 11kV

PROCESS INDUSTRY SECTOR

- Cement
- Chemical
- Metals
- Mining
- Oil & Gas
- Power Generation
 - Nuclear & Fossil
 - Renewable Energy
- Pulp & Paper
- Water & Wastewater

DISCREET INDUSTRY SECTOR

- Shipbuilding & Marine
 - Commercial
 - Military
- Other Discrete

OTHER SECTORS

- Infrastructure
- Other

COOLING METHOD

- Air cooled
- Liquid Cooled

HARMONIC MITIGATION

- Active Front End
- 6 pulse
- 12 pulse
- 18 pulse
- 24 and 30 pulse
- 36 pulse and above

TOPOLOGY

Voltage Source

- 2 level
- 3 level NPC
- 5 level NPC
- Multi-level
 - Multi-winding Transformer
 - Multi-Capacitor-fed cells

Current Source

- LCI
- PWM

HARDWARE

- Drive Only
- Drive + Transformer

POWER SEMI

- IGBT
- IGCT
- Pressure Contact IGBT
- SGCT
- Thyristor

SALES CHANNEL

- Direct to End-User
- Direct to Machine Builder
- Direct to Systems Integrator
- Via Distribution/Partner

Related Content: Electric Motor Systems Service Area Coverage



Service Area Package: Electric Motor Systems

Gearboxes and Geared Motors
– Annual Intelligence Service

Linear Motion – Annual
Intelligence Service

Low Voltage Motors – Annual
Intelligence Service

Low Voltage Drives
Intelligence Service

Medium Voltage Drives
Intelligence Service

Medium Voltage Motors – Annual
Intelligence Service

Motors and Drives Vertical Application
Intelligence Service

Motion Controls – Annual
Intelligence Service

Transactional reports

- Industrial Robots
- Linear and Torque Motors
- Integrated Motors and Machine-Mounted Drives
- Precision Gearboxes and Geared Motors
- Mechanical Components Research Package – Five Databases
- Motor-Driven Research Package – Three Databases
- Generators Research Databases – Three Databases

About Omdia's Manufacturing Research

Omdia's Manufacturing Technology research group consists of reports that provide its customers with reliable market intelligence on a broad scope of industrial automation equipment. As a major contributor to global electricity consumption, automation equipment manufacturers are now having to adapt to a more energy efficient and connected world. As the hardware covered by the Manufacturing Technology group continues to become commoditized, Omdia looks to present the story of how manufacturers are altering their business models in order to offer unique services and solutions.

This portfolio of Omdia's Manufacturing vertical aims to continue to provide a consistent view of these mature markets while exploring the technological trends brought on by an inevitable shift toward more digital strategies. As more end users embrace the benefits that can be attained through the Industrial Internet of Things, Omdia will continue to track the growth of connected equipment and how this will affect the competitive landscape of the manufacturing technology environment.

Our “Ask an Analyst” Service Provides Best in Class Customer Support

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ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today's constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.