

Generators Research Package

*Part of the
Discrete, Process, and Capital Equipment
Service Area Package*

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Advance your competitive position by leveraging Omdia's critical insight on the changing generators market

In the current economic climate, making the right decision is crucial. In an ever changing market, utilizing proper guidance is paramount. This five-database generators research package is the first of its kind, and offers coverage into at least seven different market segments and three major regions. Five year forecasting by market segment aids educated decisions yielding future rewards.

Five databases are offered for individual or joint purchase:

- Low Power Generators
- Medium Power Generators
- High Power Generators
- Wind Generators
- Generators Sets

Each database in the research package provides an in-depth view into market sizing, market shares and forecasts with online data access.

Report Coverage

KEY QUESTIONS	COVERAGE	APPLICABLE TO		
<ul style="list-style-type: none"> • What is the size of the global high, medium and low power generator markets in terms of revenues and units in 2018? • What growth forecast is expected for the global high, medium and low power generator markets over the period 2019 to 2023? • What are the major trends and current economic outlook? • Which industry sectors and regions are poised for the fastest growth? • Who are the leading suppliers to the market and their estimated market shares in 2018? • What are the new generator technologies being used in product development? 	<p>Frequency, Time Period</p> <ul style="list-style-type: none"> • 5-year annual forecast (2019 - 2023) • Base year (2018) <p>Measures</p> <ul style="list-style-type: none"> • Revenues • Unit shipments • Average selling price (ASP) <p>Market share analysis by</p> <ul style="list-style-type: none"> • World • Major Region <p>Regions</p> <ul style="list-style-type: none"> • World • Americas (5 sub regions) • EMEA (14 sub regions) • Asia (6 sub regions) 	<p>Delivery Timeline</p> <ul style="list-style-type: none"> • November 2019: <ul style="list-style-type: none"> • Low Power Generators • Medium Power Generators • High Power Generators • June 2017: Generator Sets • December 2016: Wind Generators <p>Deliverables for each database include:</p> <ul style="list-style-type: none"> • Excel based data sets • PDF trends analysis • Access to analyst 	<p>Vertical Markets</p> <ul style="list-style-type: none"> • Agriculture • Biomass • Chemicals • Cogeneration (CHP) • Commercial buildings • Data centers • Infrastructure • Marine and shipbuilding • Mining • Military and aerospace • Oil and gas: upstream • Oil and gas: midstream • Oil and gas: downstream • Power • Lighting • Rolling stock • Telecommunications • Others <p>Segmentations</p> <ul style="list-style-type: none"> • Power rating • Prime mover • Speed • Cooling type • Duty rating • Frequency • Fuel type 	<ul style="list-style-type: none"> • Product Marketing Managers • Business Development Managers • Generator Component Suppliers • Power Plant EPC Companies • Investment Banks, Consultants and Hedge Funds

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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.

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Database: Low Power Generators

RESEARCH COVERAGE

SPEED

- 2 poles (3000 - 3600 rpm)
- 4 poles (1500 -1800 rpm)
- 6 poles (1000 - 1200 rpm)
- 8 poles (750 - 900 rpm)
- 10 poles (600 - 720 rpm)
- 12 poles (500 - 600 rpm)
- 14 poles (428 - 514 rpm)
- Above 14 poles

PRIME MOVER

- Reciprocating Engine
 - Diesel
 - Gas
- Gas Turbine
- Steam Turbine
- Hydro Turbine

POWER RATING

- 5 – 15 kVA
- >15 – 35 kVA
- >35 – 75 kVA
- >75 – 375 kVA
- >375 – 750 kVA
- >750 – <1,000 kVA

FREQUENCY

- 50 Hz
- 60 Hz

DUTY RATING

- Emergency Standby
- Continuous Prime Power

INDUSTRY SECTOR

- Agriculture
- Biomass
- Cogeneration (CHP)
- Commercial Building
- Data Center
- Infrastructure
- Lighting
- Marine & Shipbuilding
- Military & Aerospace
- Mining
 - Oil & Gas: Upstream
 - Oil & Gas: Midstream
 - Oil & Gas: Downstream
- Power
- Rolling stock
- Telecommunications
- Other Industries

SALES CHANNEL

- Direct to End-User
- Direct to EPC
- Direct to OEM
- Direct to Systems Integrator
- Via Distribution/Partner

REGIONS

AMERICAS

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

APAC

- China
- India
- Japan
- Oceania
- South Korea
- Rest of Asia Pacific

EMEA

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

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Database: Medium Power Generators

RESEARCH COVERAGE

SPEED

- 2 poles (3000 - 3600 rpm)
- 4 poles (1500 - 1800 rpm)
- 6 poles (1000 - 1200 rpm)
- 8 poles (750 - 900 rpm)
- 10 poles (600 - 720 rpm)
- 12 poles (500 - 600 rpm)
- 14 poles (428 - 514 rpm)
- Above 14 poles

PRIME MOVER

- Reciprocating Engine
 - Diesel
 - Gas
- Gas Turbine
- Steam Turbine
- Hydro Turbine

FREQUENCY

- 50 Hz
- 60 Hz

POWER RATING

- 1 – 3 MVA
- >3 – 10 MVA
- >10 – 25 MVA
- >25 – 40 MVA
- >40 – 65 MVA

FUEL TYPE

- Fossil Fuels
 - Gas
 - Coal
 - Oil
- Renewable
 - Biomass
 - Geothermal
 - Waste to Energy
 - Water

INDUSTRY SECTOR

- Chemicals
- Data Center
- Marine & Shipbuilding
- Mining
- Oil & Gas
 - Oil & Gas: Upstream
 - Oil & Gas: Midstream
 - Oil & Gas: Downstream
- Power
- Other Industries

SALES CHANNEL

- Direct to End-User
- Direct to EPC
- Direct to OEM
- Direct to Systems Integrator
- Via Distribution/Partner

REGIONS

EMEA

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

AMERICAS

- Brazil
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- United States
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Database: High Power Generators

RESEARCH COVERAGE

SPEED

- 2 poles (3000 - 3600 rpm)
- 4 poles (1500 - 1800 rpm)
- 6 poles (1000 - 1200 rpm)
- 8 poles (750 - 900 rpm)
- 10 poles (600 - 720 rpm)
- 12 poles (500 - 600 rpm)
- 14 poles (428 - 514 rpm)
- Above 14 poles

PRIME MOVER

- Reciprocating Engine
 - Diesel
 - Gas
- Gas Turbine
- Steam Turbine
- Hydro Turbine

FREQUENCY

- 50 Hz
- 60 Hz

POWER RATING

- >65 – 100 MVA
- >100 – 150 MVA
- >150 – 200 MVA
- >200 – 500 MVA
- >500 – 1,000 MVA
- >1,000 MVA

FUEL TYPE

- Fossil Fuels
 - Gas
 - Coal
 - Oil
- Nuclear
- Renewable
 - Biomass
 - Geothermal
 - Solar CSP
 - Waste to Energy
 - Water

COOLING TYPE

- Air Cooled
- Hydrogen Cooled
- Combined Cooled (Hydrogen Cooled Rotor & Water Cooled Stator)

SALES CHANNEL

- Direct to End-User
- Direct to EPC
- Direct to OEM
- Direct to Systems Integrator
- Via Distribution/Partner

REGIONS

EMEA

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

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Database: Wind Generators

RESEARCH COVERAGE

SPEED

- Slow Speed (< 35 rpm)
- Medium Speed (80 - 600 rpm)
- High Speed (800 - 2,000 rpm)

PRODUCT TYPE

- Utility Scale – Onshore
- Utility Scale – Onshore

GENERATOR TYPE

Asynchronous

- Double-Fed Induction Generator (DFIG)
- Squirrel Cage Induction Generator (SCIG)

Synchronous

- Electrically Excited Synchronous Generator (EESG)
- Permanent Magnet Synchronous Generator (PMSG)

OUTPUT POWER

- 750-999kW
- 1-1.5MW
- 1.6-2MW
- 2.1-2.5MW
- 2.6-3.5MW
- 3.6-4.5MW
- 4.6-5MW
- > 5MW

VOLTAGE

- 620-850 V
- 900V
- 2.3-3.3 kV
- 4.16-7.2 kV
- >7.2 kV

COOLING TYPE

- Air Cooled
- Liquid Cooled

SALES CHANNEL

- Direct to End-User
- Direct to EPC
- Direct to OEM
- Direct to Systems Integrator Via Distribution/Partner

REGIONS

EMEA

- France
- Germany
- Italy
- Nordic countries
- Spain
- UK
- Rest of EMEA

AMERICAS

- Brazil
- Canada
- United States
- Rest of Americas

APAC

- China
- India
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Database: Generator Sets

RESEARCH COVERAGE

SPEED

- Slow Speed (< 700 rpm)
- Medium Speed (700 – 1,000 rpm)
- High Speed (> 1,000 rpm)

FUEL TYPE

- Reciprocating Engine
 - Diesel
 - Gas
 - Alternative Fuels

POWER RATING

- 5 – 75 kVA
- >75 – 375 kVA
- >375 – 750 kVA
- >750 – 1,250 kVA
- >1,250 – 2,500 kVA
- >2,500 – 3,000 kVA
- >3,000 – 20,000 kVA

INDUSTRY SECTOR

- Agriculture
- Biomass
- Cogeneration (CHP)
- Commercial Buildings
- Data Centers
- Infrastructure
- Lighting
- Marine & Shipbuilding
- Military & Aerospace
- Mining
- Oil & Gas
 - Oil & Gas: Upstream
 - Oil & Gas: Midstream
 - Oil & Gas: Downstream
- Power
- Rolling Stock
- Telecommunications
- Other Industries

APPLICATION

- Emergency Standby
- Continuous Prime Power
- Peak Shaving

SALES CHANNEL

- Direct to Dealer
- Direct to Assembler
- Direct to End-User
- Direct to Systems Integrator
- Via Distribution/Partner

PRODUCT TYPE

- Mobile
- Stationary

REGIONS

EMEA

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

AMERICAS

- Brazil
- Canada
- Mexico
- United States
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