

Global AC Generator Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GF1F47E7A1EAEN.html>

Date: June 2026

Pages: 164

Price: US\$ 4,480.00 (Single User License)

ID: GF1F47E7A1EAEN

Abstracts

The global AC Generator market size is expected to reach \$ 37439 million by 2032, rising at a market growth of 3.2% CAGR during the forecast period (2026-2032).

An AC generator is an electrical device that converts mechanical energy into alternating current electrical energy. It typically relies on external power sources (such as engines, water turbines, or wind devices) to drive the rotation of the rotor, generating alternating current in the stator windings. Its operating principle is based on electromagnetic induction, whereby an electromotive force is induced when a magnetic field moves relative to a conductor.

Featuring a relatively simple structure, high efficiency and stable output, AC generators are widely applied in power generation, industrial equipment, automotive power supply systems and other fields.

In recent years, driven by the continuous growth of global power demand and the ongoing evolution of the energy mix, the market demand for AC generators ? one of the core devices for electric energy conversion ? has maintained steady development. AC generators play a vital role in traditional power systems, industrial equipment, and automotive electrical systems. Against the backdrop of rising electrification levels and higher requirements for energy efficiency, the AC generator market exhibits coordinated development across multiple sectors.

In terms of demand structure, AC generators are mainly deployed in three major fields: automobiles, power generation, and industrial equipment. Among these, automotive AC generators constitute the largest segmented market, primarily supplying power to vehicle electrical systems and charging batteries. With the advancement of automotive

electrification and the proliferation of on-board electronic devices, demand for high-efficiency and compact generators continues to expand. Meanwhile, within the industrial and power generation sectors, AC generators are widely used in diesel generator sets, standby power supplies, and distributed energy systems. Supported by infrastructure construction and energy security needs, market demand remains stable.

Regarding product composition, synchronous generators and asynchronous generators are the predominant types, with synchronous generators dominating power system applications. Technologically, products are evolving toward higher efficiency, lower energy loss, and intelligent operation. Optimized electromagnetic design and advanced material adoption help enhance power generation efficiency and operational stability. In the automotive sector, generators are trending toward lightweight, miniaturization, and high power density; in industrial applications, equipment reliability and long service life have become key technical indicators.

In terms of the industrial chain, the upstream covers raw material suppliers of copper, steel, and electronic components; the midstream consists of generator manufacturers; and the downstream includes automakers, power utilities, and industrial end-users. The overall industry features relatively high technical barriers, particularly in electromagnetic design and manufacturing processes, which place stringent requirements on enterprise research and development capabilities. As market competition intensifies, manufacturers strengthen competitiveness through technological innovation and large-scale production.

From a regional perspective, the Asia-Pacific region ranks as the world's largest AC generator market, benefiting from its large automotive industry and robust industrial development. North America and Europe lead in high-end products and technological research and development. Driven by power infrastructure investment, demand in the Middle East and Africa is gradually increasing. Overall, the global market presents a dual development pattern, with steady growth in mature markets and rising demand in emerging economies.

Looking ahead, the global AC generator market will be fueled by three core drivers: sustained growth in electricity demand and energy structure transformation, the progress of automotive electrification and industrial automation, and the technological upgrading toward high efficiency and intelligence. Market growth will be reflected not only in expanding application scale but also in value improvement brought by high-end products and technological innovation.

This report studies the global AC Generator production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AC Generator and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of AC Generator that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AC Generator total production and demand, 2021-2032, (K Units)

Global AC Generator total production value, 2021-2032, (USD Million)

Global AC Generator production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global AC Generator consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: AC Generator domestic production, consumption, key domestic manufacturers and share

Global AC Generator production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global AC Generator production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global AC Generator production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global AC Generator 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 GE, Nidec, Hitachi, Shanghai Electric, SIEMENS, Caterpillar, Valeo, Bosch, Toshiba, Mitsubishi, 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 AC Generator 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global AC Generator Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global AC Generator Market, Segmentation by Type:

Below 5KW

5KW-10MW

Above 10MW

Global AC Generator Market, Segmentation by Structure:

Synchronous Generator

Induction Generator

Global AC Generator Market, Segmentation by Excitation Mode:

Brushed Generator

Brushless Generator

Global AC Generator Market, Segmentation by Application:

Automotive

Industrial

Power Station / Generator Set

New Energy Generator

Companies Profiled:

GE

Nidec

Hitachi

Shanghai Electric

SIEMENS

Caterpillar

Valeo

Bosch

Toshiba

Mitsubishi

Denso

Cummins

ABB

NTC

Andritz

Marathon Electric

HEC

WEG

MEIDEN

Fuji Electric

Mecc Alte

Marelli Motori

Brush

Key Questions Answered:

1. How big is the global AC Generator market?
2. What is the demand of the global AC Generator market?
3. What is the year over year growth of the global AC Generator market?
4. What is the production and production value of the global AC Generator market?
5. Who are the key producers in the global AC Generator market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 AC Generator Introduction
- 1.2 World AC Generator Supply & Forecast
 - 1.2.1 World AC Generator Production Value (2021 & 2025 & 2032)
 - 1.2.2 World AC Generator Production (2021-2032)
 - 1.2.3 World AC Generator Pricing Trends (2021-2032)
- 1.3 World AC Generator Production by Region (Based on Production Site)
 - 1.3.1 World AC Generator Production Value by Region (2021-2032)
 - 1.3.2 World AC Generator Production by Region (2021-2032)
 - 1.3.3 World AC Generator Average Price by Region (2021-2032)
 - 1.3.4 North America AC Generator Production (2021-2032)
 - 1.3.5 Europe AC Generator Production (2021-2032)
 - 1.3.6 China AC Generator Production (2021-2032)
 - 1.3.7 Japan AC Generator Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 AC Generator Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 AC Generator Major Market Trends

2 DEMAND SUMMARY

- 2.1 World AC Generator Demand (2021-2032)
- 2.2 World AC Generator Consumption by Region
 - 2.2.1 World AC Generator Consumption by Region (2021-2026)
 - 2.2.2 World AC Generator Consumption Forecast by Region (2027-2032)
- 2.3 United States AC Generator Consumption (2021-2032)
- 2.4 China AC Generator Consumption (2021-2032)
- 2.5 Europe AC Generator Consumption (2021-2032)
- 2.6 Japan AC Generator Consumption (2021-2032)
- 2.7 South Korea AC Generator Consumption (2021-2032)
- 2.8 ASEAN AC Generator Consumption (2021-2032)
- 2.9 India AC Generator Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World AC Generator Production Value by Manufacturer (2021-2026)

- 3.2 World AC Generator Production by Manufacturer (2021-2026)
- 3.3 World AC Generator Average Price by Manufacturer (2021-2026)
- 3.4 AC Generator Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global AC Generator Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for AC Generator in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for AC Generator in 2025
- 3.6 AC Generator Market: Overall Company Footprint Analysis
 - 3.6.1 AC Generator Market: Region Footprint
 - 3.6.2 AC Generator Market: Company Product Type Footprint
 - 3.6.3 AC Generator Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: AC Generator Production Value Comparison
 - 4.1.1 United States VS China: AC Generator Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: AC Generator Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: AC Generator Production Comparison
 - 4.2.1 United States VS China: AC Generator Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: AC Generator Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: AC Generator Consumption Comparison
 - 4.3.1 United States VS China: AC Generator Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: AC Generator Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based AC Generator Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based AC Generator Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers AC Generator Production Value (2021-2026)

- 4.4.3 United States Based Manufacturers AC Generator Production (2021-2026)
- 4.5 China Based AC Generator Manufacturers and Market Share
 - 4.5.1 China Based AC Generator Manufacturers, Headquarters and Production Site (Province, Country)
 - 4.5.2 China Based Manufacturers AC Generator Production Value (2021-2026)
 - 4.5.3 China Based Manufacturers AC Generator Production (2021-2026)
- 4.6 Rest of World Based AC Generator Manufacturers and Market Share, 2021-2026
 - 4.6.1 Rest of World Based AC Generator Manufacturers, Headquarters and Production Site (State, Country)
 - 4.6.2 Rest of World Based Manufacturers AC Generator Production Value (2021-2026)
 - 4.6.3 Rest of World Based Manufacturers AC Generator Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

- 5.1 World AC Generator Market Size Overview by Type: 2021 VS 2025 VS 2032
- 5.2 Segment Introduction by Type
 - 5.2.1 Below 5KW
 - 5.2.2 5KW-10MW
 - 5.2.3 Above 10MW
- 5.3 Market Segment by Type
 - 5.3.1 World AC Generator Production by Type (2021-2032)
 - 5.3.2 World AC Generator Production Value by Type (2021-2032)
 - 5.3.3 World AC Generator Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY STRUCTURE

- 6.1 World AC Generator Market Size Overview by Structure: 2021 VS 2025 VS 2032
- 6.2 Segment Introduction by Structure
 - 6.2.1 Synchronous Generator
 - 6.2.2 Induction Generator
- 6.3 Market Segment by Structure
 - 6.3.1 World AC Generator Production by Structure (2021-2032)
 - 6.3.2 World AC Generator Production Value by Structure (2021-2032)
 - 6.3.3 World AC Generator Average Price by Structure (2021-2032)

7 MARKET ANALYSIS BY EXCITATION MODE

- 7.1 World AC Generator Market Size Overview by Excitation Mode: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Excitation Mode

7.2.1 Brushed Generator

7.2.2 Brushless Generator

7.3 Market Segment by Excitation Mode

7.3.1 World AC Generator Production by Excitation Mode (2021-2032)

7.3.2 World AC Generator Production Value by Excitation Mode (2021-2032)

7.3.3 World AC Generator Average Price by Excitation Mode (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World AC Generator Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Automotive

8.2.2 Industrial

8.2.3 Power Station / Generator Set

8.2.4 New Energy Generator

8.3 Market Segment by Application

8.3.1 World AC Generator Production by Application (2021-2032)

8.3.2 World AC Generator Production Value by Application (2021-2032)

8.3.3 World AC Generator Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 GE

9.1.1 GE Details

9.1.2 GE Major Business

9.1.3 GE AC Generator Product and Services

9.1.4 GE AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 GE Recent Developments/Updates

9.1.6 GE Competitive Strengths & Weaknesses

9.2 Nidec

9.2.1 Nidec Details

9.2.2 Nidec Major Business

9.2.3 Nidec AC Generator Product and Services

9.2.4 Nidec AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Nidec Recent Developments/Updates

9.2.6 Nidec Competitive Strengths & Weaknesses

9.3 Hitachi

9.3.1 Hitachi Details

9.3.2 Hitachi Major Business

9.3.3 Hitachi AC Generator Product and Services

9.3.4 Hitachi AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Hitachi Recent Developments/Updates

9.3.6 Hitachi Competitive Strengths & Weaknesses

9.4 Shanghai Electric

9.4.1 Shanghai Electric Details

9.4.2 Shanghai Electric Major Business

9.4.3 Shanghai Electric AC Generator Product and Services

9.4.4 Shanghai Electric AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Shanghai Electric Recent Developments/Updates

9.4.6 Shanghai Electric Competitive Strengths & Weaknesses

9.5 SIEMENS

9.5.1 SIEMENS Details

9.5.2 SIEMENS Major Business

9.5.3 SIEMENS AC Generator Product and Services

9.5.4 SIEMENS AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 SIEMENS Recent Developments/Updates

9.5.6 SIEMENS Competitive Strengths & Weaknesses

9.6 Caterpillar

9.6.1 Caterpillar Details

9.6.2 Caterpillar Major Business

9.6.3 Caterpillar AC Generator Product and Services

9.6.4 Caterpillar AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Caterpillar Recent Developments/Updates

9.6.6 Caterpillar Competitive Strengths & Weaknesses

9.7 Valeo

9.7.1 Valeo Details

9.7.2 Valeo Major Business

9.7.3 Valeo AC Generator Product and Services

9.7.4 Valeo AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Valeo Recent Developments/Updates

9.7.6 Valeo Competitive Strengths & Weaknesses

9.8 Bosch

9.8.1 Bosch Details

9.8.2 Bosch Major Business

9.8.3 Bosch AC Generator Product and Services

9.8.4 Bosch AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Bosch Recent Developments/Updates

9.8.6 Bosch Competitive Strengths & Weaknesses

9.9 Toshiba

9.9.1 Toshiba Details

9.9.2 Toshiba Major Business

9.9.3 Toshiba AC Generator Product and Services

9.9.4 Toshiba AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Toshiba Recent Developments/Updates

9.9.6 Toshiba Competitive Strengths & Weaknesses

9.10 Mitsubishi

9.10.1 Mitsubishi Details

9.10.2 Mitsubishi Major Business

9.10.3 Mitsubishi AC Generator Product and Services

9.10.4 Mitsubishi AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Mitsubishi Recent Developments/Updates

9.10.6 Mitsubishi Competitive Strengths & Weaknesses

9.11 Denso

9.11.1 Denso Details

9.11.2 Denso Major Business

9.11.3 Denso AC Generator Product and Services

9.11.4 Denso AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Denso Recent Developments/Updates

9.11.6 Denso Competitive Strengths & Weaknesses

9.12 Cummins

9.12.1 Cummins Details

9.12.2 Cummins Major Business

9.12.3 Cummins AC Generator Product and Services

9.12.4 Cummins AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.12.5 Cummins Recent Developments/Updates
- 9.12.6 Cummins Competitive Strengths & Weaknesses
- 9.13 ABB
 - 9.13.1 ABB Details
 - 9.13.2 ABB Major Business
 - 9.13.3 ABB AC Generator Product and Services
 - 9.13.4 ABB AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 ABB Recent Developments/Updates
 - 9.13.6 ABB Competitive Strengths & Weaknesses
- 9.14 NTC
 - 9.14.1 NTC Details
 - 9.14.2 NTC Major Business
 - 9.14.3 NTC AC Generator Product and Services
 - 9.14.4 NTC AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 NTC Recent Developments/Updates
 - 9.14.6 NTC Competitive Strengths & Weaknesses
- 9.15 Andritz
 - 9.15.1 Andritz Details
 - 9.15.2 Andritz Major Business
 - 9.15.3 Andritz AC Generator Product and Services
 - 9.15.4 Andritz AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Andritz Recent Developments/Updates
 - 9.15.6 Andritz Competitive Strengths & Weaknesses
- 9.16 Marathon Electric
 - 9.16.1 Marathon Electric Details
 - 9.16.2 Marathon Electric Major Business
 - 9.16.3 Marathon Electric AC Generator Product and Services
 - 9.16.4 Marathon Electric AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 Marathon Electric Recent Developments/Updates
 - 9.16.6 Marathon Electric Competitive Strengths & Weaknesses
- 9.17 HEC
 - 9.17.1 HEC Details
 - 9.17.2 HEC Major Business
 - 9.17.3 HEC AC Generator Product and Services
 - 9.17.4 HEC AC Generator Production, Price, Value, Gross Margin and Market Share

(2021-2026)

9.17.5 HEC Recent Developments/Updates

9.17.6 HEC Competitive Strengths & Weaknesses

9.18 WEG

9.18.1 WEG Details

9.18.2 WEG Major Business

9.18.3 WEG AC Generator Product and Services

9.18.4 WEG AC Generator Production, Price, Value, Gross Margin and Market Share

(2021-2026)

9.18.5 WEG Recent Developments/Updates

9.18.6 WEG Competitive Strengths & Weaknesses

9.19 MEIDEN

9.19.1 MEIDEN Details

9.19.2 MEIDEN Major Business

9.19.3 MEIDEN AC Generator Product and Services

9.19.4 MEIDEN AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.19.5 MEIDEN Recent Developments/Updates

9.19.6 MEIDEN Competitive Strengths & Weaknesses

9.20 Fuji Electric

9.20.1 Fuji Electric Details

9.20.2 Fuji Electric Major Business

9.20.3 Fuji Electric AC Generator Product and Services

9.20.4 Fuji Electric AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.20.5 Fuji Electric Recent Developments/Updates

9.20.6 Fuji Electric Competitive Strengths & Weaknesses

9.21 Mecc Alte

9.21.1 Mecc Alte Details

9.21.2 Mecc Alte Major Business

9.21.3 Mecc Alte AC Generator Product and Services

9.21.4 Mecc Alte AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.21.5 Mecc Alte Recent Developments/Updates

9.21.6 Mecc Alte Competitive Strengths & Weaknesses

9.22 Marelli Motori

9.22.1 Marelli Motori Details

9.22.2 Marelli Motori Major Business

9.22.3 Marelli Motori AC Generator Product and Services

9.22.4 Marelli Motori AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.22.5 Marelli Motori Recent Developments/Updates

9.22.6 Marelli Motori Competitive Strengths & Weaknesses

9.23 Brush

9.23.1 Brush Details

9.23.2 Brush Major Business

9.23.3 Brush AC Generator Product and Services

9.23.4 Brush AC Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.23.5 Brush Recent Developments/Updates

9.23.6 Brush Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 AC Generator Industry Chain

10.2 AC Generator Upstream Analysis

10.2.1 AC Generator Core Raw Materials

10.2.2 Main Manufacturers of AC Generator Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 AC Generator Production Mode

10.6 AC Generator Procurement Model

10.7 AC Generator Industry Sales Model and Sales Channels

10.7.1 AC Generator Sales Model

10.7.2 AC Generator Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World AC Generator Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World AC Generator Production Value by Region (2021-2026) & (USD Million)

Table 3. World AC Generator Production Value by Region (2027-2032) & (USD Million)

Table 4. World AC Generator Production Value Market Share by Region (2021-2026)

Table 5. World AC Generator Production Value Market Share by Region (2027-2032)

Table 6. World AC Generator Production by Region (2021-2026) & (K Units)

Table 7. World AC Generator Production by Region (2027-2032) & (K Units)

Table 8. World AC Generator Production Market Share by Region (2021-2026)

Table 9. World AC Generator Production Market Share by Region (2027-2032)

Table 10. World AC Generator Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World AC Generator Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. AC Generator Major Market Trends

Table 13. World AC Generator Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World AC Generator Consumption by Region (2021-2026) & (K Units)

Table 15. World AC Generator Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World AC Generator Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key AC Generator Producers in 2025

Table 18. World AC Generator Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key AC Generator Producers in 2025

Table 20. World AC Generator Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global AC Generator Company Evaluation Quadrant

Table 22. World AC Generator Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and AC Generator Production Site of Key Manufacturer

Table 24. AC Generator Market: Company Product Type Footprint

Table 25. AC Generator Market: Company Product Application Footprint

Table 26. AC Generator Competitive Factors

Table 27. AC Generator New Entrant and Capacity Expansion Plans

Table 28. AC Generator Mergers & Acquisitions Activity

Table 29. United States VS China AC Generator Production Value Comparison, (2021

& 2025 & 2032) & (USD Million)

Table 30. United States VS China AC Generator Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China AC Generator Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based AC Generator Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers AC Generator Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers AC Generator Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers AC Generator Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers AC Generator Production Market Share (2021-2026)

Table 37. China Based AC Generator Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers AC Generator Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers AC Generator Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers AC Generator Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers AC Generator Production Market Share (2021-2026)

Table 42. Rest of World Based AC Generator Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers AC Generator Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers AC Generator Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers AC Generator Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers AC Generator Production Market Share (2021-2026)

Table 47. World AC Generator Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World AC Generator Production by Type (2021-2026) & (K Units)

Table 49. World AC Generator Production by Type (2027-2032) & (K Units)

Table 50. World AC Generator Production Value by Type (2021-2026) & (USD Million)

Table 51. World AC Generator Production Value by Type (2027-2032) & (USD Million)

Table 52. World AC Generator Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World AC Generator Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World AC Generator Production Value by Structure, (USD Million), 2021 & 2025 & 2032

Table 55. World AC Generator Production by Structure (2021-2026) & (K Units)

Table 56. World AC Generator Production by Structure (2027-2032) & (K Units)

Table 57. World AC Generator Production Value by Structure (2021-2026) & (USD Million)

Table 58. World AC Generator Production Value by Structure (2027-2032) & (USD Million)

Table 59. World AC Generator Average Price by Structure (2021-2026) & (US\$/Unit)

Table 60. World AC Generator Average Price by Structure (2027-2032) & (US\$/Unit)

Table 61. World AC Generator Production Value by Excitation Mode, (USD Million), 2021 & 2025 & 2032

Table 62. World AC Generator Production by Excitation Mode (2021-2026) & (K Units)

Table 63. World AC Generator Production by Excitation Mode (2027-2032) & (K Units)

Table 64. World AC Generator Production Value by Excitation Mode (2021-2026) & (USD Million)

Table 65. World AC Generator Production Value by Excitation Mode (2027-2032) & (USD Million)

Table 66. World AC Generator Average Price by Excitation Mode (2021-2026) & (US\$/Unit)

Table 67. World AC Generator Average Price by Excitation Mode (2027-2032) & (US\$/Unit)

Table 68. World AC Generator Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World AC Generator Production by Application (2021-2026) & (K Units)

Table 70. World AC Generator Production by Application (2027-2032) & (K Units)

Table 71. World AC Generator Production Value by Application (2021-2026) & (USD Million)

Table 72. World AC Generator Production Value by Application (2027-2032) & (USD Million)

Table 73. World AC Generator Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World AC Generator Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. GE Basic Information, Manufacturing Base and Competitors

Table 76. GE Major Business

Table 77. GE AC Generator Product and Services

Table 78. GE AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. GE Recent Developments/Updates

Table 80. GE Competitive Strengths & Weaknesses

Table 81. Nidec Basic Information, Manufacturing Base and Competitors

Table 82. Nidec Major Business

Table 83. Nidec AC Generator Product and Services

Table 84. Nidec AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Nidec Recent Developments/Updates

Table 86. Nidec Competitive Strengths & Weaknesses

Table 87. Hitachi Basic Information, Manufacturing Base and Competitors

Table 88. Hitachi Major Business

Table 89. Hitachi AC Generator Product and Services

Table 90. Hitachi AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Hitachi Recent Developments/Updates

Table 92. Hitachi Competitive Strengths & Weaknesses

Table 93. Shanghai Electric Basic Information, Manufacturing Base and Competitors

Table 94. Shanghai Electric Major Business

Table 95. Shanghai Electric AC Generator Product and Services

Table 96. Shanghai Electric AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Shanghai Electric Recent Developments/Updates

Table 98. Shanghai Electric Competitive Strengths & Weaknesses

Table 99. SIEMENS Basic Information, Manufacturing Base and Competitors

Table 100. SIEMENS Major Business

Table 101. SIEMENS AC Generator Product and Services

Table 102. SIEMENS AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. SIEMENS Recent Developments/Updates

Table 104. SIEMENS Competitive Strengths & Weaknesses

Table 105. Caterpillar Basic Information, Manufacturing Base and Competitors

Table 106. Caterpillar Major Business

Table 107. Caterpillar AC Generator Product and Services

Table 108. Caterpillar AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Caterpillar Recent Developments/Updates

Table 110. Caterpillar Competitive Strengths & Weaknesses

Table 111. Valeo Basic Information, Manufacturing Base and Competitors
Table 112. Valeo Major Business
Table 113. Valeo AC Generator Product and Services
Table 114. Valeo AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Valeo Recent Developments/Updates
Table 116. Valeo Competitive Strengths & Weaknesses
Table 117. Bosch Basic Information, Manufacturing Base and Competitors
Table 118. Bosch Major Business
Table 119. Bosch AC Generator Product and Services
Table 120. Bosch AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Bosch Recent Developments/Updates
Table 122. Bosch Competitive Strengths & Weaknesses
Table 123. Toshiba Basic Information, Manufacturing Base and Competitors
Table 124. Toshiba Major Business
Table 125. Toshiba AC Generator Product and Services
Table 126. Toshiba AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Toshiba Recent Developments/Updates
Table 128. Toshiba Competitive Strengths & Weaknesses
Table 129. Mitsubishi Basic Information, Manufacturing Base and Competitors
Table 130. Mitsubishi Major Business
Table 131. Mitsubishi AC Generator Product and Services
Table 132. Mitsubishi AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Mitsubishi Recent Developments/Updates
Table 134. Mitsubishi Competitive Strengths & Weaknesses
Table 135. Denso Basic Information, Manufacturing Base and Competitors
Table 136. Denso Major Business
Table 137. Denso AC Generator Product and Services
Table 138. Denso AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Denso Recent Developments/Updates
Table 140. Denso Competitive Strengths & Weaknesses
Table 141. Cummins Basic Information, Manufacturing Base and Competitors
Table 142. Cummins Major Business
Table 143. Cummins AC Generator Product and Services
Table 144. Cummins AC Generator Production (K Units), Price (US\$/Unit), Production

Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Cummins Recent Developments/Updates

Table 146. Cummins Competitive Strengths & Weaknesses

Table 147. ABB Basic Information, Manufacturing Base and Competitors

Table 148. ABB Major Business

Table 149. ABB AC Generator Product and Services

Table 150. ABB AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. ABB Recent Developments/Updates

Table 152. ABB Competitive Strengths & Weaknesses

Table 153. NTC Basic Information, Manufacturing Base and Competitors

Table 154. NTC Major Business

Table 155. NTC AC Generator Product and Services

Table 156. NTC AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. NTC Recent Developments/Updates

Table 158. NTC Competitive Strengths & Weaknesses

Table 159. Andritz Basic Information, Manufacturing Base and Competitors

Table 160. Andritz Major Business

Table 161. Andritz AC Generator Product and Services

Table 162. Andritz AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Andritz Recent Developments/Updates

Table 164. Andritz Competitive Strengths & Weaknesses

Table 165. Marathon Electric Basic Information, Manufacturing Base and Competitors

Table 166. Marathon Electric Major Business

Table 167. Marathon Electric AC Generator Product and Services

Table 168. Marathon Electric AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Marathon Electric Recent Developments/Updates

Table 170. Marathon Electric Competitive Strengths & Weaknesses

Table 171. HEC Basic Information, Manufacturing Base and Competitors

Table 172. HEC Major Business

Table 173. HEC AC Generator Product and Services

Table 174. HEC AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. HEC Recent Developments/Updates

Table 176. HEC Competitive Strengths & Weaknesses

Table 177. WEG Basic Information, Manufacturing Base and Competitors

Table 178. WEG Major Business
Table 179. WEG AC Generator Product and Services
Table 180. WEG AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 181. WEG Recent Developments/Updates
Table 182. WEG Competitive Strengths & Weaknesses
Table 183. MEIDEN Basic Information, Manufacturing Base and Competitors
Table 184. MEIDEN Major Business
Table 185. MEIDEN AC Generator Product and Services
Table 186. MEIDEN AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 187. MEIDEN Recent Developments/Updates
Table 188. MEIDEN Competitive Strengths & Weaknesses
Table 189. Fuji Electric Basic Information, Manufacturing Base and Competitors
Table 190. Fuji Electric Major Business
Table 191. Fuji Electric AC Generator Product and Services
Table 192. Fuji Electric AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 193. Fuji Electric Recent Developments/Updates
Table 194. Fuji Electric Competitive Strengths & Weaknesses
Table 195. Mecc Alte Basic Information, Manufacturing Base and Competitors
Table 196. Mecc Alte Major Business
Table 197. Mecc Alte AC Generator Product and Services
Table 198. Mecc Alte AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 199. Mecc Alte Recent Developments/Updates
Table 200. Mecc Alte Competitive Strengths & Weaknesses
Table 201. Marelli Motori Basic Information, Manufacturing Base and Competitors
Table 202. Marelli Motori Major Business
Table 203. Marelli Motori AC Generator Product and Services
Table 204. Marelli Motori AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 205. Marelli Motori Recent Developments/Updates
Table 206. Marelli Motori Competitive Strengths & Weaknesses
Table 207. Brush Basic Information, Manufacturing Base and Competitors
Table 208. Brush Major Business
Table 209. Brush AC Generator Product and Services
Table 210. Brush AC Generator Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. Brush Recent Developments/Updates

Table 212. Brush Competitive Strengths & Weaknesses

Table 213. Global Key Players of AC Generator Upstream (Raw Materials)

Table 214. Global AC Generator Typical Customers

Table 215. AC Generator Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. AC Generator Picture

Figure 2. World AC Generator Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World AC Generator Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World AC Generator Production (2021-2032) & (K Units)

Figure 5. World AC Generator Average Price (2021-2032) & (US\$/Unit)

Figure 6. World AC Generator Production Value Market Share by Region (2021-2032)

Figure 7. World AC Generator Production Market Share by Region (2021-2032)

Figure 8. North America AC Generator Production (2021-2032) & (K Units)

Figure 9. Europe AC Generator Production (2021-2032) & (K Units)

Figure 10. China AC Generator Production (2021-2032) & (K Units)

Figure 11. Japan AC Generator Production (2021-2032) & (K Units)

Figure 12. AC Generator Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World AC Generator Consumption (2021-2032) & (K Units)

Figure 15. World AC Generator Consumption Market Share by Region (2021-2032)

Figure 16. United States AC Generator Consumption (2021-2032) & (K Units)

Figure 17. China AC Generator Consumption (2021-2032) & (K Units)

Figure 18. Europe AC Generator Consumption (2021-2032) & (K Units)

Figure 19. Japan AC Generator Consumption (2021-2032) & (K Units)

Figure 20. South Korea AC Generator Consumption (2021-2032) & (K Units)

Figure 21. ASEAN AC Generator Consumption (2021-2032) & (K Units)

Figure 22. India AC Generator Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of AC Generator by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for AC Generator Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for AC Generator Markets in 2025

Figure 26. United States VS China: AC Generator Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: AC Generator Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: AC Generator Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers AC Generator Production Market Share 2025

Figure 30. China Based Manufacturers AC Generator Production Market Share 2025

Figure 31. Rest of World Based Manufacturers AC Generator Production Market Share 2025

Figure 32. World AC Generator Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World AC Generator Production Value Market Share by Type in 2025

Figure 34. Below 5KW

Figure 35. 5KW-10MW

Figure 36. Above 10MW

Figure 37. World AC Generator Production Market Share by Type (2021-2032)

Figure 38. World AC Generator Production Value Market Share by Type (2021-2032)

Figure 39. World AC Generator Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World AC Generator Production Value by Structure, (USD Million), 2021 & 2025 & 2032

Figure 41. World AC Generator Production Value Market Share by Structure in 2025

Figure 42. Synchronous Generator

Figure 43. Induction Generator

Figure 44. World AC Generator Production Market Share by Structure (2021-2032)

Figure 45. World AC Generator Production Value Market Share by Structure (2021-2032)

Figure 46. World AC Generator Average Price by Structure (2021-2032) & (US\$/Unit)

Figure 47. World AC Generator Production Value by Excitation Mode, (USD Million), 2021 & 2025 & 2032

Figure 48. World AC Generator Production Value Market Share by Excitation Mode in 2025

Figure 49. Brushed Generator

Figure 50. Brushless Generator

Figure 51. World AC Generator Production Market Share by Excitation Mode (2021-2032)

Figure 52. World AC Generator Production Value Market Share by Excitation Mode (2021-2032)

Figure 53. World AC Generator Average Price by Excitation Mode (2021-2032) & (US\$/Unit)

Figure 54. World AC Generator Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World AC Generator Production Value Market Share by Application in 2025

Figure 56. Automotive

Figure 57. Industrial

Figure 58. Power Station / Generator Set

Figure 59. New Energy Generator

Figure 60. World AC Generator Production Market Share by Application (2021-2032)

Figure 61. World AC Generator Production Value Market Share by Application
(2021-2032)

Figure 62. World AC Generator Average Price by Application (2021-2032) & (US\$/Unit)

Figure 63. AC Generator Industry Chain

Figure 64. AC Generator Procurement Model

Figure 65. AC Generator Sales Model

Figure 66. AC Generator Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global AC Generator Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GF1F47E7A1EAEN.html>

Price: US\$ 4,480.00 (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/GF1F47E7A1EAEN.html>