

Global Genset Market Size study & Forecast, by Power Rating (Up to 100 kVA, 100–350 kVA, 350–1000 kVA, Above 1000 kVA), By Fuel Type (Diesel, Natural Gas, Propane), By Application (Standby Power, Peak Shaving, Prime/Continuous Power), By End User (Industrial, Commercial, Residential), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G9B457455132EN.html>

Date: April 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G9B457455132EN

Abstracts

Global Genset Market is valued approximately USD 41666.2 million in 2022 and is anticipated to grow with a healthy growth rate of more than 6.6% over the forecast period 2023-2030. A genset, a compact powerhouse, converts mechanical energy into electricity to meet diverse needs. It's composed of an engine and alternator intricately linked on a sturdy base alongside essential components like batteries, fuel tanks, control boards, and automated transfer switches. Renowned for their cost efficiency and dependable performance, gensets can be remotely managed via various systems like SCADA, crucial for overseeing and regulating industrial processes. The growth is driven by key factors such as increasing reliance on data centers for digital services, increasing frequency of natural disasters, and expanding Telecom Infrastructure.

Genset manufacturers are intensifying their efforts to cater to the burgeoning demand from data centers, akin to powering a small township due to their colossal electricity needs. These data hubs necessitate multiple gensets of 750kVA and higher capacity. According to the Internet and Mobile Association of India, the Indian data center market is poised for substantial growth, propelled by the escalating usage of data via smartphones, e-commerce platforms, social networking sites, and government initiatives. As per Statista, by 2023, Huawei, a Chinese telecommunications giant headquartered in Shenzhen, emerged as the foremost valuable brand in the global

telecommunications infrastructure sector, boasting a valuation nearing USD 44.3 billion. Also, despite facing sanctions from the United States and other international governments, Huawei retained its leadership position. However, rise of Alternative Energy Sources stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Genset Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. The Asia-Pacific region is leading the global market share, driven by a rise in power outages and the urgent requirement for uninterrupted electricity supply across industrial and commercial sectors. Governments in emerging nations within the region are spearheading initiatives to promote clean energy and bolster infrastructure for gas pipelines. Despite these efforts, according to the International Renewable Energy Agency, approximately 85% of the energy generated in Asia-Pacific still comes from fossil fuels. Along with this, in North America, expected to be fastest growing region due to surge in demand for generators, spurred by the escalating vulnerability and diminishing resilience of regional grid infrastructure to weather-related disasters. The formidable presence of industry giants like Caterpillar, Wartsila, Siemens, General Electric, ABB Ltd, and PARAMAC presents abundant opportunities within the genset market.

Major market player included in this report are:

Harrington Generators International

Cummins Inc.

Caterpillar Inc.

Rolls-Royce Power Systems AG

John Deere

Mitsubishi Heavy Industries Ltd.

Atlas Copco

Kohler Co.

Doosan Corporation

Himoinsa

Recent Developments in the Market:

'In June 2020, Cummins Inc. heralded a new era in power generation with the debut of their cutting-edge gensets empowered by an innovative digital control platform.

On January 25, 2021, and Caterpillar Inc. made waves in the genset industry with the unveiling of their latest series, emphasizing sustainability at its core.

Global Genset Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Power Rating, Fuel Type, Application, End-use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving

factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Power Rating:

Up to 100 kVA

100–350 kVA

350–1000 kVA

Above 1000 kVA

By Fuel Type:

Diesel

Natural Gas

Propane

By Application:

Standby Power

Peak Shaving

Prime/Continuous Power

By End-use:

Industrial

Commercial

Residential

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Million)
 - 1.2.1. Genset Market, by Region, 2020-2030 (USD Million)
 - 1.2.2. Genset Market, by Power Rating, 2020-2030 (USD Million)
 - 1.2.3. Genset Market, by Fuel Type, 2020-2030 (USD Million)
 - 1.2.4. Genset Market, by Application, 2020-2030 (USD Million)
 - 1.2.5. Genset Market, by End-user, 2020-2030 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL GENSET MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL GENSET MARKET DYNAMICS

- 3.1. Genset Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing reliance on data centers for digital services
 - 3.1.1.2. Increasing frequency of natural disasters
 - 3.1.1.3. Expanding Telecom Infrastructure
 - 3.1.2. Market Challenges
 - 3.1.2.1. Rise of Alternative Energy Sources
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing adoption of renewable energy sources
 - 3.1.3.2. Advancements in generator technologies

CHAPTER 4. GLOBAL GENSET MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL GENSET MARKET, BY POWER RATING

- 5.1. Market Snapshot
- 5.2. Global Genset Market by Power Rating, Performance - Potential Analysis
- 5.3. Global Genset Market Estimates & Forecasts by Power Rating 2020-2030 (USD Million)
- 5.4. Genset Market, Sub Segment Analysis
 - 5.4.1. Up to 100 kVA
 - 5.4.2. 100–350 kVA
 - 5.4.3. 350–1000 kVA
 - 5.4.4. Above 1000 kVA

CHAPTER 6. GLOBAL GENSET MARKET, BY FUEL TYPE

- 6.1. Market Snapshot
- 6.2. Global Genset Market by Fuel Type, Performance - Potential Analysis
- 6.3. Global Genset Market Estimates & Forecasts by Fuel Type 2020-2030 (USD Million)

6.4. Genset Market, Sub Segment Analysis

- 6.4.1. Diesel
- 6.4.2. Natural Gas
- 6.4.3. Propane

CHAPTER 7. GLOBAL GENSET MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global Genset Market by Application, Performance - Potential Analysis

7.3. Global Genset Market Estimates & Forecasts by Application 2020-2030 (USD Million)

7.4. Genset Market, Sub Segment Analysis

- 7.4.1. Standby Power
- 7.4.2. Peak Shaving
- 7.4.3. Prime/Continuous Power

CHAPTER 8. GLOBAL GENSET MARKET, BY END-USER

8.1. Market Snapshot

8.2. Global Genset Market by End-user, Performance - Potential Analysis

8.3. Global Genset Market Estimates & Forecasts by End-user 2020-2030 (USD Million)

8.4. Genset Market, Sub Segment Analysis

- 8.4.1. Industrial
- 8.4.2. Commercial
- 8.4.3. Residential

CHAPTER 9. GLOBAL GENSET MARKET, REGIONAL ANALYSIS

9.1. Top Leading Countries

9.2. Top Emerging Countries

9.3. Genset Market, Regional Market Snapshot

9.4. North America Genset Market

9.4.1. U.S. Genset Market

9.4.1.1. Power Rating breakdown estimates & forecasts, 2020-2030

9.4.1.2. Fuel Type breakdown estimates & forecasts, 2020-2030

9.4.1.3. Application breakdown estimates & forecasts, 2020-2030

9.4.1.4. End-user breakdown estimates & forecasts, 2020-2030

9.4.2. Canada Genset Market

9.5. Europe Genset Market Snapshot

- 9.5.1. U.K. Genset Market
- 9.5.2. Germany Genset Market
- 9.5.3. France Genset Market
- 9.5.4. Spain Genset Market
- 9.5.5. Italy Genset Market
- 9.5.6. Rest of Europe Genset Market
- 9.6. Asia-Pacific Genset Market Snapshot
 - 9.6.1. China Genset Market
 - 9.6.2. India Genset Market
 - 9.6.3. Japan Genset Market
 - 9.6.4. Australia Genset Market
 - 9.6.5. South Korea Genset Market
 - 9.6.6. Rest of Asia Pacific Genset Market
- 9.7. Latin America Genset Market Snapshot
 - 9.7.1. Brazil Genset Market
 - 9.7.2. Mexico Genset Market
- 9.8. Middle East & Africa Genset Market
 - 9.8.1. Saudi Arabia Genset Market
 - 9.8.2. South Africa Genset Market
 - 9.8.3. Rest of Middle East & Africa Genset Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Harrington Generators International
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Recent Developments
 - 10.3.2. Cummins Inc.
 - 10.3.3. Caterpillar Inc.
 - 10.3.4. Rolls-Royce Power Systems AG
 - 10.3.5. John Deere

- 10.3.6. Mitsubishi Heavy Industries Ltd.
- 10.3.7. Atlas Copco
- 10.3.8. Kohler Co.
- 10.3.9. Doosan Corporation
- 10.3.10. Himoina

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Genset Market, report scope

TABLE 2. Global Genset Market estimates & forecasts by Region 2020-2030 (USD Million)

TABLE 3. Global Genset Market estimates & forecasts by Power Rating 2020-2030 (USD Million)

TABLE 4. Global Genset Market estimates & forecasts by Fuel Type 2020-2030 (USD Million)

TABLE 5. Global Genset Market estimates & forecasts by Application 2020-2030 (USD Million)

TABLE 6. Global Genset Market estimates & forecasts by End-user 2020-2030 (USD Million)

TABLE 7. Global Genset Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 8. Global Genset Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 9. Global Genset Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 10. Global Genset Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 11. Global Genset Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 12. Global Genset Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 13. Global Genset Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 14. Global Genset Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 15. Global Genset Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 16. Global Genset Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 17. U.S. Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 18. U.S. Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 19. U.S. Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

Million)

TABLE 20. Canada Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 21. Canada Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 22. Canada Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 23. UK Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 24. UK Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 25. UK Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 26. Germany Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 27. Germany Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 28. Germany Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 29. France Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 30. France Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 31. France Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 32. Italy Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 33. Italy Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 34. Italy Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 35. Spain Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 36. Spain Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 37. Spain Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 38. RoE Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 39. RoE Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 40. RoE Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 41. China Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 42. China Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 43. China Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 44. India Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 45. India Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 46. India Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 47. Japan Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 48. Japan Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 49. Japan Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 50. South Korea Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 51. South Korea Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 52. South Korea Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 53. Australia Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 54. Australia Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 55. Australia Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 56. RoAPAC Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 57. RoAPAC Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 58. RoAPAC Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 59. Brazil Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 60. Brazil Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 61. Brazil Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 62. Mexico Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 63. Mexico Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 64. Mexico Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 65. RoLA Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 66. RoLA Genset Market estimates & forecasts by segment 2020-2030 (USD

Million)

TABLE 67. RoLA Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 68. Saudi Arabia Genset Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 69. South Africa Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 70. RoMEA Genset Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 71. List of secondary sources, used in the study of global Genset Market

TABLE 72. List of primary sources, used in the study of global Genset Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Genset Market, research methodology
 - FIG 2. Global Genset Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Genset Market, key trends 2022
 - FIG 5. Global Genset Market, growth prospects 2023-2030
 - FIG 6. Global Genset Market, porters 5 force model
 - FIG 7. Global Genset Market, pest analysis
 - FIG 8. Global Genset Market, value chain analysis
 - FIG 9. Global Genset Market by segment, 2020 & 2030 (USD Million)
 - FIG 10. Global Genset Market by segment, 2020 & 2030 (USD Million)
 - FIG 11. Global Genset Market by segment, 2020 & 2030 (USD Million)
 - FIG 12. Global Genset Market by segment, 2020 & 2030 (USD Million)
 - FIG 13. Global Genset Market by segment, 2020 & 2030 (USD Million)
 - FIG 14. Global Genset Market, regional snapshot 2020 & 2030
 - FIG 15. North America Genset Market 2020 & 2030 (USD Million)
 - FIG 16. Europe Genset Market 2020 & 2030 (USD Million)
 - FIG 17. Asia pacific Genset Market 2020 & 2030 (USD Million)
 - FIG 18. Latin America Genset Market 2020 & 2030 (USD Million)
 - FIG 19. Middle East & Africa Genset Market 2020 & 2030 (USD Million)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Genset Market Size study & Forecast, by Power Rating (Up to 100 kVA, 100–350 kVA, 350–1000 kVA, Above 1000 kVA), By Fuel Type (Diesel, Natural Gas, Propane), By Application (Standby Power, Peak Shaving, Prime/Continuous Power), By End User (Industrial, Commercial, Residential), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G9B457455132EN.html>

Price: US\$ 4,950.00 (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/G9B457455132EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970