

Global AI Data Center Backup Power Supply Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GB7BD126ECB8EN.html>

Date: May 2026

Pages: 116

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

ID: GB7BD126ECB8EN

Abstracts

The global AI Data Center Backup Power Supply market size is expected to reach \$ 35417 million by 2032, rising at a market growth of 14.1% CAGR during the forecast period (2026-2032).

AI Data Center Backup Power Supply refers to integrated power systems designed to ensure continuous and uninterrupted electricity for AI-driven data centers in the event of grid failure or power instability. These systems typically include backup generators (diesel or gas), uninterruptible power supply (UPS), battery energy storage systems (BESS), and increasingly fuel cells, working together to provide immediate power transition and long-duration support. Due to the high power density and critical uptime requirements of AI workloads, these backup solutions must deliver fast response, high reliability, scalability, and energy efficiency. In 2025, global AI Data Center Backup Power Supply production reached approximately 27369 units, with an average global market price of around 404.7 K USD/unit. The production capacity for AI Data Center Backup Power Supply in 2025 was approximately 30000 units. The typical gross profit margin for AI Data Center Backup Power Supply between 10% and 20%.

The AI data center backup power supply market is experiencing rapid growth driven by the expansion of AI workloads, hyperscale data centers, and increasing demand for high reliability and uninterrupted power. Backup systems, including diesel generators, gas generators, battery energy storage systems (BESS), and emerging technologies such as fuel cells, are becoming more critical as AI clusters require higher power density and near-zero downtime. The market is shifting toward higher efficiency, lower emissions, and faster response solutions, with growing adoption of hybrid backup architectures that combine generators and energy storage to meet sustainability and resilience requirements.

This report studies the global AI Data Center Backup Power Supply production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AI Data Center Backup Power Supply 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 AI Data Center Backup Power Supply that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AI Data Center Backup Power Supply total production and demand, 2021-2032, (Units)

Global AI Data Center Backup Power Supply total production value, 2021-2032, (USD Million)

Global AI Data Center Backup Power Supply production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global AI Data Center Backup Power Supply consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: AI Data Center Backup Power Supply domestic production, consumption, key domestic manufacturers and share

Global AI Data Center Backup Power Supply production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global AI Data Center Backup Power Supply production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global AI Data Center Backup Power Supply production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global AI Data Center Backup Power Supply 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 Caterpillar, Cummins, MTU (Rolls-Royce), Mitsubishi Heavy Industries, Weichai Power, Rehlko, Guangxi Yuchai, Wartsila, Generac, Tellhow Sci-Tech, 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 AI Data Center Backup Power Supply market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (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 AI Data Center Backup Power Supply Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global AI Data Center Backup Power Supply Market, Segmentation by Type:

12-16 Cylinders

>16 Cylinders

Global AI Data Center Backup Power Supply Market, Segmentation by Cylinder Bore:

Cylinder Bore:
Cylinder Bore: 130?170 mm

Cylinder Bore: > 170 mm

Global AI Data Center Backup Power Supply Market, Segmentation by Engine Type:

Diesel Generator

Gas Generator

Global AI Data Center Backup Power Supply Market, Segmentation by Application:

Cloud Data Centers

AI Data Centers / AI Servers

High-Performance Computing (HPC)

Enterprise Data Centers

Others

Companies Profiled:

Caterpillar

Cummins

MTU (Rolls?Royce)

Mitsubishi Heavy Industries

Weichai Power

Rehiko

Guangxi Yuchai

Wartsila

Generac

Tellhow Sci-Tech

Shanghai Cooltech POWER

Himoinsa

Shanghai New Power Automotive Technology

Genesal Energy

Power Hf

Key Questions Answered:

1. How big is the global AI Data Center Backup Power Supply market?
2. What is the demand of the global AI Data Center Backup Power Supply market?
3. What is the year over year growth of the global AI Data Center Backup Power Supply market?
4. What is the production and production value of the global AI Data Center Backup Power Supply market?
5. Who are the key producers in the global AI Data Center Backup Power Supply market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

- 2.1 World AI Data Center Backup Power Supply Demand (2021-2032)
- 2.2 World AI Data Center Backup Power Supply Consumption by Region
 - 2.2.1 World AI Data Center Backup Power Supply Consumption by Region (2021-2026)
 - 2.2.2 World AI Data Center Backup Power Supply Consumption Forecast by Region (2027-2032)
- 2.3 United States AI Data Center Backup Power Supply Consumption (2021-2032)
- 2.4 China AI Data Center Backup Power Supply Consumption (2021-2032)
- 2.5 Europe AI Data Center Backup Power Supply Consumption (2021-2032)
- 2.6 Japan AI Data Center Backup Power Supply Consumption (2021-2032)
- 2.7 South Korea AI Data Center Backup Power Supply Consumption (2021-2032)

2.8 ASEAN AI Data Center Backup Power Supply Consumption (2021-2032)

2.9 India AI Data Center Backup Power Supply Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World AI Data Center Backup Power Supply Production Value by Manufacturer (2021-2026)

3.2 World AI Data Center Backup Power Supply Production by Manufacturer (2021-2026)

3.3 World AI Data Center Backup Power Supply Average Price by Manufacturer (2021-2026)

3.4 AI Data Center Backup Power Supply Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global AI Data Center Backup Power Supply Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for AI Data Center Backup Power Supply in 2025

3.5.3 Global Concentration Ratios (CR8) for AI Data Center Backup Power Supply in 2025

3.6 AI Data Center Backup Power Supply Market: Overall Company Footprint Analysis

3.6.1 AI Data Center Backup Power Supply Market: Region Footprint

3.6.2 AI Data Center Backup Power Supply Market: Company Product Type Footprint

3.6.3 AI Data Center Backup Power Supply 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: AI Data Center Backup Power Supply Production Value Comparison

4.1.1 United States VS China: AI Data Center Backup Power Supply Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: AI Data Center Backup Power Supply Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: AI Data Center Backup Power Supply Production Comparison

4.2.1 United States VS China: AI Data Center Backup Power Supply Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: AI Data Center Backup Power Supply Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: AI Data Center Backup Power Supply Consumption Comparison

4.3.1 United States VS China: AI Data Center Backup Power Supply Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: AI Data Center Backup Power Supply Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based AI Data Center Backup Power Supply Manufacturers and Market Share, 2021-2026

4.4.1 United States Based AI Data Center Backup Power Supply Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers AI Data Center Backup Power Supply Production Value (2021-2026)

4.4.3 United States Based Manufacturers AI Data Center Backup Power Supply Production (2021-2026)

4.5 China Based AI Data Center Backup Power Supply Manufacturers and Market Share

4.5.1 China Based AI Data Center Backup Power Supply Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers AI Data Center Backup Power Supply Production Value (2021-2026)

4.5.3 China Based Manufacturers AI Data Center Backup Power Supply Production (2021-2026)

4.6 Rest of World Based AI Data Center Backup Power Supply Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based AI Data Center Backup Power Supply Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers AI Data Center Backup Power Supply Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers AI Data Center Backup Power Supply Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World AI Data Center Backup Power Supply Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 5.2.2 12-16 Cylinders

5.2.3 >16 Cylinders

5.3 Market Segment by Type

5.3.1 World AI Data Center Backup Power Supply Production by Type (2021-2032)

5.3.2 World AI Data Center Backup Power Supply Production Value by Type (2021-2032)

5.3.3 World AI Data Center Backup Power Supply Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CYLINDER BORE

6.1 World AI Data Center Backup Power Supply Market Size Overview by Cylinder Bore: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Cylinder Bore

6.2.1 Cylinder Bore: 6.2.2 Cylinder Bore: 130?170 mm

6.2.3 Cylinder Bore: > 170 mm

6.3 Market Segment by Cylinder Bore

6.3.1 World AI Data Center Backup Power Supply Production by Cylinder Bore (2021-2032)

6.3.2 World AI Data Center Backup Power Supply Production Value by Cylinder Bore (2021-2032)

6.3.3 World AI Data Center Backup Power Supply Average Price by Cylinder Bore (2021-2032)

7 MARKET ANALYSIS BY ENGINE TYPE

7.1 World AI Data Center Backup Power Supply Market Size Overview by Engine Type: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Engine Type

7.2.1 Diesel Generator

7.2.2 Gas Generator

7.3 Market Segment by Engine Type

7.3.1 World AI Data Center Backup Power Supply Production by Engine Type (2021-2032)

7.3.2 World AI Data Center Backup Power Supply Production Value by Engine Type (2021-2032)

7.3.3 World AI Data Center Backup Power Supply Average Price by Engine Type

(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World AI Data Center Backup Power Supply Market Size Overview by Application:
2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Cloud Data Centers

8.2.2 AI Data Centers / AI Servers

8.2.3 High-Performance Computing (HPC)

8.2.4 Enterprise Data Centers

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World AI Data Center Backup Power Supply Production by Application
(2021-2032)

8.3.2 World AI Data Center Backup Power Supply Production Value by Application
(2021-2032)

8.3.3 World AI Data Center Backup Power Supply Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Caterpillar

9.1.1 Caterpillar Details

9.1.2 Caterpillar Major Business

9.1.3 Caterpillar AI Data Center Backup Power Supply Product and Services

9.1.4 Caterpillar AI Data Center Backup Power Supply Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.1.5 Caterpillar Recent Developments/Updates

9.1.6 Caterpillar Competitive Strengths & Weaknesses

9.2 Cummins

9.2.1 Cummins Details

9.2.2 Cummins Major Business

9.2.3 Cummins AI Data Center Backup Power Supply Product and Services

9.2.4 Cummins AI Data Center Backup Power Supply Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.2.5 Cummins Recent Developments/Updates

9.2.6 Cummins Competitive Strengths & Weaknesses

9.3 MTU (Rolls?Royce)

- 9.3.1 MTU (Rolls?Royce) Details
- 9.3.2 MTU (Rolls?Royce) Major Business
- 9.3.3 MTU (Rolls?Royce) AI Data Center Backup Power Supply Product and Services
- 9.3.4 MTU (Rolls?Royce) AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.3.5 MTU (Rolls?Royce) Recent Developments/Updates
- 9.3.6 MTU (Rolls?Royce) Competitive Strengths & Weaknesses
- 9.4 Mitsubishi Heavy Industries
 - 9.4.1 Mitsubishi Heavy Industries Details
 - 9.4.2 Mitsubishi Heavy Industries Major Business
 - 9.4.3 Mitsubishi Heavy Industries AI Data Center Backup Power Supply Product and Services
 - 9.4.4 Mitsubishi Heavy Industries AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Mitsubishi Heavy Industries Recent Developments/Updates
 - 9.4.6 Mitsubishi Heavy Industries Competitive Strengths & Weaknesses
- 9.5 Weichai Power
 - 9.5.1 Weichai Power Details
 - 9.5.2 Weichai Power Major Business
 - 9.5.3 Weichai Power AI Data Center Backup Power Supply Product and Services
 - 9.5.4 Weichai Power AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Weichai Power Recent Developments/Updates
 - 9.5.6 Weichai Power Competitive Strengths & Weaknesses
- 9.6 Rehlko
 - 9.6.1 Rehlko Details
 - 9.6.2 Rehlko Major Business
 - 9.6.3 Rehlko AI Data Center Backup Power Supply Product and Services
 - 9.6.4 Rehlko AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Rehlko Recent Developments/Updates
 - 9.6.6 Rehlko Competitive Strengths & Weaknesses
- 9.7 Guangxi Yuchai
 - 9.7.1 Guangxi Yuchai Details
 - 9.7.2 Guangxi Yuchai Major Business
 - 9.7.3 Guangxi Yuchai AI Data Center Backup Power Supply Product and Services
 - 9.7.4 Guangxi Yuchai AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Guangxi Yuchai Recent Developments/Updates

9.7.6 Guangxi Yuchai Competitive Strengths & Weaknesses

9.8 Wartsila

9.8.1 Wartsila Details

9.8.2 Wartsila Major Business

9.8.3 Wartsila AI Data Center Backup Power Supply Product and Services

9.8.4 Wartsila AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Wartsila Recent Developments/Updates

9.8.6 Wartsila Competitive Strengths & Weaknesses

9.9 Generac

9.9.1 Generac Details

9.9.2 Generac Major Business

9.9.3 Generac AI Data Center Backup Power Supply Product and Services

9.9.4 Generac AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Generac Recent Developments/Updates

9.9.6 Generac Competitive Strengths & Weaknesses

9.10 Tellhow Sci-Tech

9.10.1 Tellhow Sci-Tech Details

9.10.2 Tellhow Sci-Tech Major Business

9.10.3 Tellhow Sci-Tech AI Data Center Backup Power Supply Product and Services

9.10.4 Tellhow Sci-Tech AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Tellhow Sci-Tech Recent Developments/Updates

9.10.6 Tellhow Sci-Tech Competitive Strengths & Weaknesses

9.11 Shanghai Cooltech POWER

9.11.1 Shanghai Cooltech POWER Details

9.11.2 Shanghai Cooltech POWER Major Business

9.11.3 Shanghai Cooltech POWER AI Data Center Backup Power Supply Product and Services

9.11.4 Shanghai Cooltech POWER AI Data Center Backup Power Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Shanghai Cooltech POWER Recent Developments/Updates

9.11.6 Shanghai Cooltech POWER Competitive Strengths & Weaknesses

9.12 Himoina

9.12.1 Himoina Details

9.12.2 Himoina Major Business

9.12.3 Himoina AI Data Center Backup Power Supply Product and Services

9.12.4 Himoina AI Data Center Backup Power Supply Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.12.5 Himoina Recent Developments/Updates

9.12.6 Himoina Competitive Strengths & Weaknesses

9.13 Shanghai New Power Automotive Technology

9.13.1 Shanghai New Power Automotive Technology Details

9.13.2 Shanghai New Power Automotive Technology Major Business

9.13.3 Shanghai New Power Automotive Technology AI Data Center Backup Power

Supply Product and Services

9.13.4 Shanghai New Power Automotive Technology AI Data Center Backup Power

Supply Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Shanghai New Power Automotive Technology Recent Developments/Updates

9.13.6 Shanghai New Power Automotive Technology Competitive Strengths &

Weaknesses

9.14 Genesal Energy

9.14.1 Genesal Energy Details

9.14.2 Genesal Energy Major Business

9.14.3 Genesal Energy AI Data Center Backup Power Supply Product and Services

9.14.4 Genesal Energy AI Data Center Backup Power Supply Production, Price,

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

9.14.5 Genesal Energy Recent Developments/Updates

9.14.6 Genesal Energy Competitive Strengths & Weaknesses

9.15 Power Hf

9.15.1 Power Hf Details

9.15.2 Power Hf Major Business

9.15.3 Power Hf AI Data Center Backup Power Supply Product and Services

9.15.4 Power Hf AI Data Center Backup Power Supply Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.15.5 Power Hf Recent Developments/Updates

9.15.6 Power Hf Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 AI Data Center Backup Power Supply Industry Chain

10.2 AI Data Center Backup Power Supply Upstream Analysis

10.2.1 AI Data Center Backup Power Supply Core Raw Materials

10.2.2 Main Manufacturers of AI Data Center Backup Power Supply Core Raw

Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 AI Data Center Backup Power Supply Production Mode

10.6 AI Data Center Backup Power Supply Procurement Model

10.7 AI Data Center Backup Power Supply Industry Sales Model and Sales Channels

10.7.1 AI Data Center Backup Power Supply Sales Model

10.7.2 AI Data Center Backup Power Supply 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 AI Data Center Backup Power Supply Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World AI Data Center Backup Power Supply Production Value by Region (2021-2026) & (USD Million)

Table 3. World AI Data Center Backup Power Supply Production Value by Region (2027-2032) & (USD Million)

Table 4. World AI Data Center Backup Power Supply Production Value Market Share by Region (2021-2026)

Table 5. World AI Data Center Backup Power Supply Production Value Market Share by Region (2027-2032)

Table 6. World AI Data Center Backup Power Supply Production by Region (2021-2026) & (Units)

Table 7. World AI Data Center Backup Power Supply Production by Region (2027-2032) & (Units)

Table 8. World AI Data Center Backup Power Supply Production Market Share by Region (2021-2026)

Table 9. World AI Data Center Backup Power Supply Production Market Share by Region (2027-2032)

Table 10. World AI Data Center Backup Power Supply Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World AI Data Center Backup Power Supply Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. AI Data Center Backup Power Supply Major Market Trends

Table 13. World AI Data Center Backup Power Supply Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World AI Data Center Backup Power Supply Consumption by Region (2021-2026) & (Units)

Table 15. World AI Data Center Backup Power Supply Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World AI Data Center Backup Power Supply Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key AI Data Center Backup Power Supply Producers in 2025

Table 18. World AI Data Center Backup Power Supply Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key AI Data Center Backup Power Supply Producers in 2025

Table 20. World AI Data Center Backup Power Supply Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global AI Data Center Backup Power Supply Company Evaluation Quadrant

Table 22. World AI Data Center Backup Power Supply Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and AI Data Center Backup Power Supply Production Site of Key Manufacturer

Table 24. AI Data Center Backup Power Supply Market: Company Product Type Footprint

Table 25. AI Data Center Backup Power Supply Market: Company Product Application Footprint

Table 26. AI Data Center Backup Power Supply Competitive Factors

Table 27. AI Data Center Backup Power Supply New Entrant and Capacity Expansion Plans

Table 28. AI Data Center Backup Power Supply Mergers & Acquisitions Activity

Table 29. United States VS China AI Data Center Backup Power Supply Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China AI Data Center Backup Power Supply Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China AI Data Center Backup Power Supply Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based AI Data Center Backup Power Supply Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers AI Data Center Backup Power Supply Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers AI Data Center Backup Power Supply Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers AI Data Center Backup Power Supply Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers AI Data Center Backup Power Supply Production Market Share (2021-2026)

Table 37. China Based AI Data Center Backup Power Supply Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers AI Data Center Backup Power Supply Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers AI Data Center Backup Power Supply Production Value Market Share (2021-2026)

- Table 40. China Based Manufacturers AI Data Center Backup Power Supply Production, (2021-2026) & (Units)
- Table 41. China Based Manufacturers AI Data Center Backup Power Supply Production Market Share (2021-2026)
- Table 42. Rest of World Based AI Data Center Backup Power Supply Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers AI Data Center Backup Power Supply Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers AI Data Center Backup Power Supply Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers AI Data Center Backup Power Supply Production, (2021-2026) & (Units)
- Table 46. Rest of World Based Manufacturers AI Data Center Backup Power Supply Production Market Share (2021-2026)
- Table 47. World AI Data Center Backup Power Supply Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 48. World AI Data Center Backup Power Supply Production by Type (2021-2026) & (Units)
- Table 49. World AI Data Center Backup Power Supply Production by Type (2027-2032) & (Units)
- Table 50. World AI Data Center Backup Power Supply Production Value by Type (2021-2026) & (USD Million)
- Table 51. World AI Data Center Backup Power Supply Production Value by Type (2027-2032) & (USD Million)
- Table 52. World AI Data Center Backup Power Supply Average Price by Type (2021-2026) & (US\$/Unit)
- Table 53. World AI Data Center Backup Power Supply Average Price by Type (2027-2032) & (US\$/Unit)
- Table 54. World AI Data Center Backup Power Supply Production Value by Cylinder Bore, (USD Million), 2021 & 2025 & 2032
- Table 55. World AI Data Center Backup Power Supply Production by Cylinder Bore (2021-2026) & (Units)
- Table 56. World AI Data Center Backup Power Supply Production by Cylinder Bore (2027-2032) & (Units)
- Table 57. World AI Data Center Backup Power Supply Production Value by Cylinder Bore (2021-2026) & (USD Million)
- Table 58. World AI Data Center Backup Power Supply Production Value by Cylinder Bore (2027-2032) & (USD Million)
- Table 59. World AI Data Center Backup Power Supply Average Price by Cylinder Bore

(2021-2026) & (US\$/Unit)

Table 60. World AI Data Center Backup Power Supply Average Price by Cylinder Bore (2027-2032) & (US\$/Unit)

Table 61. World AI Data Center Backup Power Supply Production Value by Engine Type, (USD Million), 2021 & 2025 & 2032

Table 62. World AI Data Center Backup Power Supply Production by Engine Type (2021-2026) & (Units)

Table 63. World AI Data Center Backup Power Supply Production by Engine Type (2027-2032) & (Units)

Table 64. World AI Data Center Backup Power Supply Production Value by Engine Type (2021-2026) & (USD Million)

Table 65. World AI Data Center Backup Power Supply Production Value by Engine Type (2027-2032) & (USD Million)

Table 66. World AI Data Center Backup Power Supply Average Price by Engine Type (2021-2026) & (US\$/Unit)

Table 67. World AI Data Center Backup Power Supply Average Price by Engine Type (2027-2032) & (US\$/Unit)

Table 68. World AI Data Center Backup Power Supply Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World AI Data Center Backup Power Supply Production by Application (2021-2026) & (Units)

Table 70. World AI Data Center Backup Power Supply Production by Application (2027-2032) & (Units)

Table 71. World AI Data Center Backup Power Supply Production Value by Application (2021-2026) & (USD Million)

Table 72. World AI Data Center Backup Power Supply Production Value by Application (2027-2032) & (USD Million)

Table 73. World AI Data Center Backup Power Supply Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World AI Data Center Backup Power Supply Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Caterpillar Basic Information, Manufacturing Base and Competitors

Table 76. Caterpillar Major Business

Table 77. Caterpillar AI Data Center Backup Power Supply Product and Services

Table 78. Caterpillar AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Caterpillar Recent Developments/Updates

Table 80. Caterpillar Competitive Strengths & Weaknesses

- Table 81. Cummins Basic Information, Manufacturing Base and Competitors
- Table 82. Cummins Major Business
- Table 83. Cummins AI Data Center Backup Power Supply Product and Services
- Table 84. Cummins AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Cummins Recent Developments/Updates
- Table 86. Cummins Competitive Strengths & Weaknesses
- Table 87. MTU (Rolls-Royce) Basic Information, Manufacturing Base and Competitors
- Table 88. MTU (Rolls-Royce) Major Business
- Table 89. MTU (Rolls-Royce) AI Data Center Backup Power Supply Product and Services
- Table 90. MTU (Rolls-Royce) AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. MTU (Rolls-Royce) Recent Developments/Updates
- Table 92. MTU (Rolls-Royce) Competitive Strengths & Weaknesses
- Table 93. Mitsubishi Heavy Industries Basic Information, Manufacturing Base and Competitors
- Table 94. Mitsubishi Heavy Industries Major Business
- Table 95. Mitsubishi Heavy Industries AI Data Center Backup Power Supply Product and Services
- Table 96. Mitsubishi Heavy Industries AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Mitsubishi Heavy Industries Recent Developments/Updates
- Table 98. Mitsubishi Heavy Industries Competitive Strengths & Weaknesses
- Table 99. Weichai Power Basic Information, Manufacturing Base and Competitors
- Table 100. Weichai Power Major Business
- Table 101. Weichai Power AI Data Center Backup Power Supply Product and Services
- Table 102. Weichai Power AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Weichai Power Recent Developments/Updates
- Table 104. Weichai Power Competitive Strengths & Weaknesses
- Table 105. Rehlko Basic Information, Manufacturing Base and Competitors
- Table 106. Rehlko Major Business
- Table 107. Rehlko AI Data Center Backup Power Supply Product and Services
- Table 108. Rehlko AI Data Center Backup Power Supply Production (Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Rehlko Recent Developments/Updates

Table 110. Rehlko Competitive Strengths & Weaknesses

Table 111. Guangxi Yuchai Basic Information, Manufacturing Base and Competitors

Table 112. Guangxi Yuchai Major Business

Table 113. Guangxi Yuchai AI Data Center Backup Power Supply Product and Services

Table 114. Guangxi Yuchai AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Guangxi Yuchai Recent Developments/Updates

Table 116. Guangxi Yuchai Competitive Strengths & Weaknesses

Table 117. Wartsila Basic Information, Manufacturing Base and Competitors

Table 118. Wartsila Major Business

Table 119. Wartsila AI Data Center Backup Power Supply Product and Services

Table 120. Wartsila AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Wartsila Recent Developments/Updates

Table 122. Wartsila Competitive Strengths & Weaknesses

Table 123. Generac Basic Information, Manufacturing Base and Competitors

Table 124. Generac Major Business

Table 125. Generac AI Data Center Backup Power Supply Product and Services

Table 126. Generac AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Generac Recent Developments/Updates

Table 128. Generac Competitive Strengths & Weaknesses

Table 129. Tellhow Sci-Tech Basic Information, Manufacturing Base and Competitors

Table 130. Tellhow Sci-Tech Major Business

Table 131. Tellhow Sci-Tech AI Data Center Backup Power Supply Product and Services

Table 132. Tellhow Sci-Tech AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Tellhow Sci-Tech Recent Developments/Updates

Table 134. Tellhow Sci-Tech Competitive Strengths & Weaknesses

Table 135. Shanghai Cooltech POWER Basic Information, Manufacturing Base and Competitors

- Table 136. Shanghai Cooltech POWER Major Business
- Table 137. Shanghai Cooltech POWER AI Data Center Backup Power Supply Product and Services
- Table 138. Shanghai Cooltech POWER AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. Shanghai Cooltech POWER Recent Developments/Updates
- Table 140. Shanghai Cooltech POWER Competitive Strengths & Weaknesses
- Table 141. Himoinisa Basic Information, Manufacturing Base and Competitors
- Table 142. Himoinisa Major Business
- Table 143. Himoinisa AI Data Center Backup Power Supply Product and Services
- Table 144. Himoinisa AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. Himoinisa Recent Developments/Updates
- Table 146. Himoinisa Competitive Strengths & Weaknesses
- Table 147. Shanghai New Power Automotive Technology Basic Information, Manufacturing Base and Competitors
- Table 148. Shanghai New Power Automotive Technology Major Business
- Table 149. Shanghai New Power Automotive Technology AI Data Center Backup Power Supply Product and Services
- Table 150. Shanghai New Power Automotive Technology AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 151. Shanghai New Power Automotive Technology Recent Developments/Updates
- Table 152. Shanghai New Power Automotive Technology Competitive Strengths & Weaknesses
- Table 153. Genesal Energy Basic Information, Manufacturing Base and Competitors
- Table 154. Genesal Energy Major Business
- Table 155. Genesal Energy AI Data Center Backup Power Supply Product and Services
- Table 156. Genesal Energy AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 157. Genesal Energy Recent Developments/Updates
- Table 158. Genesal Energy Competitive Strengths & Weaknesses
- Table 159. Power Hf Basic Information, Manufacturing Base and Competitors
- Table 160. Power Hf Major Business
- Table 161. Power Hf AI Data Center Backup Power Supply Product and Services

Table 162. Power Hf AI Data Center Backup Power Supply Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Power Hf Recent Developments/Updates

Table 164. Power Hf Competitive Strengths & Weaknesses

Table 165. Global Key Players of AI Data Center Backup Power Supply Upstream (Raw Materials)

Table 166. Global AI Data Center Backup Power Supply Typical Customers

Table 167. AI Data Center Backup Power Supply Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. AI Data Center Backup Power Supply Picture

Figure 2. World AI Data Center Backup Power Supply Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World AI Data Center Backup Power Supply Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World AI Data Center Backup Power Supply Production (2021-2032) & (Units)

Figure 5. World AI Data Center Backup Power Supply Average Price (2021-2032) & (US\$/Unit)

Figure 6. World AI Data Center Backup Power Supply Production Value Market Share by Region (2021-2032)

Figure 7. World AI Data Center Backup Power Supply Production Market Share by Region (2021-2032)

Figure 8. North America AI Data Center Backup Power Supply Production (2021-2032) & (Units)

Figure 9. Europe AI Data Center Backup Power Supply Production (2021-2032) & (Units)

Figure 10. China AI Data Center Backup Power Supply Production (2021-2032) & (Units)

Figure 11. Japan AI Data Center Backup Power Supply Production (2021-2032) & (Units)

Figure 12. AI Data Center Backup Power Supply Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World AI Data Center Backup Power Supply Consumption (2021-2032) & (Units)

Figure 15. World AI Data Center Backup Power Supply Consumption Market Share by Region (2021-2032)

Figure 16. United States AI Data Center Backup Power Supply Consumption (2021-2032) & (Units)

Figure 17. China AI Data Center Backup Power Supply Consumption (2021-2032) & (Units)

Figure 18. Europe AI Data Center Backup Power Supply Consumption (2021-2032) & (Units)

Figure 19. Japan AI Data Center Backup Power Supply Consumption (2021-2032) & (Units)

Figure 20. South Korea AI Data Center Backup Power Supply Consumption

(2021-2032) & (Units)

Figure 21. ASEAN AI Data Center Backup Power Supply Consumption (2021-2032) & (Units)

Figure 22. India AI Data Center Backup Power Supply Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of AI Data Center Backup Power Supply by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for AI Data Center Backup Power Supply Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for AI Data Center Backup Power Supply Markets in 2025

Figure 26. United States VS China: AI Data Center Backup Power Supply Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: AI Data Center Backup Power Supply Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: AI Data Center Backup Power Supply Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers AI Data Center Backup Power Supply Production Market Share 2025

Figure 30. China Based Manufacturers AI Data Center Backup Power Supply Production Market Share 2025

Figure 31. Rest of World Based Manufacturers AI Data Center Backup Power Supply Production Market Share 2025

Figure 32. World AI Data Center Backup Power Supply Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World AI Data Center Backup Power Supply Production Value Market Share by Type in 2025

Figure 34. Figure 35. 12-16 Cylinders

Figure 36. >16 Cylinders

Figure 37. World AI Data Center Backup Power Supply Production Market Share by Type (2021-2032)

Figure 38. World AI Data Center Backup Power Supply Production Value Market Share by Type (2021-2032)

Figure 39. World AI Data Center Backup Power Supply Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World AI Data Center Backup Power Supply Production Value by Cylinder Bore, (USD Million), 2021 & 2025 & 2032

Figure 41. World AI Data Center Backup Power Supply Production Value Market Share by Cylinder Bore in 2025

- Figure 42. Cylinder Bore: 130-170 mm
- Figure 43. Cylinder Bore: 130-170 mm
- Figure 44. Cylinder Bore: > 170 mm
- Figure 45. World AI Data Center Backup Power Supply Production Market Share by Cylinder Bore (2021-2032)
- Figure 46. World AI Data Center Backup Power Supply Production Value Market Share by Cylinder Bore (2021-2032)
- Figure 47. World AI Data Center Backup Power Supply Average Price by Cylinder Bore (2021-2032) & (US\$/Unit)
- Figure 48. World AI Data Center Backup Power Supply Production Value by Engine Type, (USD Million), 2021 & 2025 & 2032
- Figure 49. World AI Data Center Backup Power Supply Production Value Market Share by Engine Type in 2025
- Figure 50. Diesel Generator
- Figure 51. Gas Generator
- Figure 52. World AI Data Center Backup Power Supply Production Market Share by Engine Type (2021-2032)
- Figure 53. World AI Data Center Backup Power Supply Production Value Market Share by Engine Type (2021-2032)
- Figure 54. World AI Data Center Backup Power Supply Average Price by Engine Type (2021-2032) & (US\$/Unit)
- Figure 55. World AI Data Center Backup Power Supply Production Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 56. World AI Data Center Backup Power Supply Production Value Market Share by Application in 2025
- Figure 57. Cloud Data Centers
- Figure 58. AI Data Centers / AI Servers
- Figure 59. High-Performance Computing (HPC)
- Figure 60. Enterprise Data Centers
- Figure 61. Others
- Figure 62. World AI Data Center Backup Power Supply Production Market Share by Application (2021-2032)
- Figure 63. World AI Data Center Backup Power Supply Production Value Market Share by Application (2021-2032)
- Figure 64. World AI Data Center Backup Power Supply Average Price by Application (2021-2032) & (US\$/Unit)
- Figure 65. AI Data Center Backup Power Supply Industry Chain
- Figure 66. AI Data Center Backup Power Supply Procurement Model
- Figure 67. AI Data Center Backup Power Supply Sales Model
- Figure 68. AI Data Center Backup Power Supply Sales Channels, Direct Sales, and

Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global AI Data Center Backup Power Supply Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GB7BD126ECB8EN.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/GB7BD126ECB8EN.html>