

Global Telecom Power Systems Market Size study & Forecast, by Product Type (AC power systems, DC power systems, Digital electricity) by Grid Type (On-grid, Off-grid, Bad-grid), by Power Source (Diesel-battery, Diesel-solar, Diesel-wind, Other Sources) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G69CE2D93B52EN.html>

Date: January 2024

Pages: 200

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

ID: G69CE2D93B52EN

Abstracts

Global Telecom Power Systems Market is valued at approximately USD 3.30 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 12.5% over the forecast period 2023-2030. Telecom power is a specialized infrastructure and equipment designed to provide a reliable and uninterrupted power supply to telecommunications networks. These systems are crucial for ensuring continuous operation of various communication technologies, such as mobile networks, landline services, and internet connectivity. The Telecom Power Systems market is expanding because of factors such as rising development of telecom infrastructure, increasing investment by the governments across various countries and private firms in 5G technology and growing mobile data traffic.

The escalating mobile data traffic is a key driver behind the growth of the telecom power system market. As the demand for mobile services, including data-intensive applications and high-speed internet, continues to surge globally, telecommunication networks face the challenge of ensuring uninterrupted and reliable operations. Telecom power systems play a pivotal role in addressing this challenge by providing the necessary infrastructure to support the increasing power requirements of expanding and upgrading network infrastructure. As per Ericsson's projections, the worldwide mobile data traffic is anticipated to persist in its upward trajectory, potentially reaching 131 exabytes per month by the conclusion of 2024. This signifies a substantial 30% compound annual

growth rate spanning the period from 2018 to 2024. Ericsson further anticipates that by 2024, 5G networks will be responsible for carrying approximately 35% of the total mobile data traffic. In addition, increasing technological advancements in cellular networks and rising government investment in telecom industry is creating new opportunities to the market growth. However, the high deployment and operational costs of telecom power systems, environmental concerns associated with use of diesel generators stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Telecom Power Systems Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 with largest market share owing to the swift digitization of numerous industries in developing nations within the region, rising number of smart phone and internet users in the region. North America is expected to grow at a fastest rate during the forecast period, owing to factors such as rising penetration rate of mobile devices and 4G-LTE networks in the region.

Major market player included in this report are:

Eaton Corporation

Huawei Technologies Co.

Cummins Inc.

ZTE Corporation

Efore Group

Eltek AS

Delta Group

Alpha Technologies

ABB Group

Schneider Electric

Recent Developments in the Market:

In March 2023, ZTE Corporation partnered with China Mobile to carry out the inaugural trial of 400G QPSK (Quadrature Phase Shift Keying) technology, marking a significant milestone. This collaboration resulted in the successful demonstration of ultra-high-speed transmission capabilities, covering a distance of 2,808 km on G.652.D optical fibers and an impressive 5,616 km on land cables.

In May 2022, Huawei Digital Power Technologies has unveiled PowerPOD 3.0, an advanced power supply solution that leverages core technological innovations and optimized component integration to elevate its design. This solution establishes an efficient data center power supply system, effectively reducing space requirements, energy consumption, and implementation time.

Global Telecom Power Systems 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 – Product Type, Grid Type, Power Source, 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 Product Type:

AC power systems

DC power systems

Digital electricity

By Grid Type:

On-grid

Off-grid

Bad-grid

By Power Source:

Diesel-battery

Diesel-solar

Diesel-wind

Other Sources

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 Billion)
 - 1.2.1. Telecom Power Systems Market, by region, 2020-2030 (USD Billion)
 - 1.2.2. Telecom Power Systems Market, by Product Type, 2020-2030 (USD Billion)
 - 1.2.3. Telecom Power Systems Market, by Grid Type, 2020-2030 (USD Billion)
 - 1.2.4. Telecom Power Systems Market, by Power Source, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL TELECOM POWER SYSTEMS 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 TELECOM POWER SYSTEMS MARKET DYNAMICS

- 3.1. Telecom Power Systems Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising development of telecom infrastructure
 - 3.1.1.2. Increasing investments by governments and private firms worldwide in 5G technology
 - 3.1.1.3. Growing mobile data traffic
 - 3.1.2. Market Challenges
 - 3.1.2.1. The high deployment and operational costs of telecom power systems
 - 3.1.2.2. Environmental concerns associated with use of diesel generators
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing technological advancements in cellular networks
 - 3.1.3.2. Rising government investment in telecom industry

CHAPTER 4. GLOBAL TELECOM POWER SYSTEMS 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. Economic
 - 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 TELECOM POWER SYSTEMS MARKET, BY PRODUCT TYPE

- 5.1. Market Snapshot
- 5.2. Global Telecom Power Systems Market by Product Type, Performance - Potential Analysis
- 5.3. Global Telecom Power Systems Market Estimates & Forecasts by Product Type 2020-2030 (USD Billion)
- 5.4. Telecom Power Systems Market, Sub Segment Analysis
 - 5.4.1. AC power systems
 - 5.4.2. DC power systems
 - 5.4.3. Digital electricity

CHAPTER 6. GLOBAL TELECOM POWER SYSTEMS MARKET, BY GRID TYPE

- 6.1. Market Snapshot
- 6.2. Global Telecom Power Systems Market by Grid Type, Performance - Potential Analysis
- 6.3. Global Telecom Power Systems Market Estimates & Forecasts by Grid Type 2020-2030 (USD Billion)
- 6.4. Telecom Power Systems Market, Sub Segment Analysis
 - 6.4.1. On-grid
 - 6.4.2. Off-grid
 - 6.4.3. Bad-grid

CHAPTER 7. GLOBAL TELECOM POWER SYSTEMS MARKET, BY POWER SOURCE

- 7.1. Market Snapshot
- 7.2. Global Telecom Power Systems Market by Power Source, Performance - Potential Analysis
- 7.3. Global Telecom Power Systems Market Estimates & Forecasts by Power Source 2020-2030 (USD Billion)
- 7.4. Telecom Power Systems Market, Sub Segment Analysis
 - 7.4.1. Diesel-battery
 - 7.4.2. Diesel-solar
 - 7.4.3. Diesel-wind
 - 7.4.4. Other Sources

CHAPTER 8. GLOBAL TELECOM POWER SYSTEMS MARKET, REGIONAL ANALYSIS

- 8.1. Top Leading Countries
- 8.2. Top Emerging Countries
- 8.3. Telecom Power Systems Market, Regional Market Snapshot
- 8.4. North America Telecom Power Systems Market
 - 8.4.1. U.S. Telecom Power Systems Market
 - 8.4.1.1. Product Type breakdown estimates & forecasts, 2020-2030
 - 8.4.1.2. Grid Type breakdown estimates & forecasts, 2020-2030
 - 8.4.1.3. Power Source breakdown estimates & forecasts, 2020-2030
 - 8.4.2. Canada Telecom Power Systems Market
- 8.5. Europe Telecom Power Systems Market Snapshot
 - 8.5.1. U.K. Telecom Power Systems Market
 - 8.5.2. Germany Telecom Power Systems Market

- 8.5.3. France Telecom Power Systems Market
- 8.5.4. Spain Telecom Power Systems Market
- 8.5.5. Italy Telecom Power Systems Market
- 8.5.6. Rest of Europe Telecom Power Systems Market
- 8.6. Asia-Pacific Telecom Power Systems Market Snapshot
 - 8.6.1. China Telecom Power Systems Market
 - 8.6.2. India Telecom Power Systems Market
 - 8.6.3. Japan Telecom Power Systems Market
 - 8.6.4. Australia Telecom Power Systems Market
 - 8.6.5. South Korea Telecom Power Systems Market
 - 8.6.6. Rest of Asia Pacific Telecom Power Systems Market
- 8.7. Latin America Telecom Power Systems Market Snapshot
 - 8.7.1. Brazil Telecom Power Systems Market
 - 8.7.2. Mexico Telecom Power Systems Market
- 8.8. Middle East & Africa Telecom Power Systems Market
 - 8.8.1. Saudi Arabia Telecom Power Systems Market
 - 8.8.2. South Africa Telecom Power Systems Market
 - 8.8.3. Rest of Middle East & Africa Telecom Power Systems Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Eaton Corporation
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. Huawei Technologies Co.
 - 9.3.3. Cummins Inc.
 - 9.3.4. ZTE Corporation
 - 9.3.5. Efore Group
 - 9.3.6. Eltek AS
 - 9.3.7. Delta Group

9.3.8. Alpha Technologies

9.3.9. ABB Group

9.3.10. Schneider Electric

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Telecom Power Systems Market, report scope

TABLE 2. Global Telecom Power Systems Market estimates & forecasts by Region
2020-2030 (USD Billion)

TABLE 3. Global Telecom Power Systems Market estimates & forecasts by Product
Type 2020-2030 (USD Billion)

TABLE 4. Global Telecom Power Systems Market estimates & forecasts by Grid Type
2020-2030 (USD Billion)

TABLE 5. Global Telecom Power Systems Market estimates & forecasts by Power
Source 2020-2030 (USD Billion)

TABLE 6. Global Telecom Power Systems Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 7. Global Telecom Power Systems Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 8. Global Telecom Power Systems Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 9. Global Telecom Power Systems Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 10. Global Telecom Power Systems Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 11. Global Telecom Power Systems Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 12. Global Telecom Power Systems Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 13. Global Telecom Power Systems Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 14. Global Telecom Power Systems Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 15. Global Telecom Power Systems Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 16. U.S. Telecom Power Systems Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 17. U.S. Telecom Power Systems Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 18. U.S. Telecom Power Systems Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 19. Canada Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Telecom Power Systems Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. RoE Telecom Power Systems Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 40. China Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Telecom Power Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Telecom Power Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Telecom Power Systems Market

TABLE 71. List of primary sources, used in the study of global Telecom Power Systems Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Telecom Power Systems Market, research methodology
- FIG 2. Global Telecom Power Systems Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Telecom Power Systems Market, key trends 2022
- FIG 5. Global Telecom Power Systems Market, growth prospects 2023-2030
- FIG 6. Global Telecom Power Systems Market, porters 5 force model
- FIG 7. Global Telecom Power Systems Market, pest analysis
- FIG 8. Global Telecom Power Systems Market, value chain analysis
- FIG 9. Global Telecom Power Systems Market by segment, 2020 & 2030 (USD Billion)
- FIG 10. Global Telecom Power Systems Market by segment, 2020 & 2030 (USD Billion)
- FIG 11. Global Telecom Power Systems Market by segment, 2020 & 2030 (USD Billion)
- FIG 12. Global Telecom Power Systems Market by segment, 2020 & 2030 (USD Billion)
- FIG 13. Global Telecom Power Systems Market by segment, 2020 & 2030 (USD Billion)
- FIG 14. Global Telecom Power Systems Market, regional snapshot 2020 & 2030
- FIG 15. North America Telecom Power Systems Market 2020 & 2030 (USD Billion)
- FIG 16. Europe Telecom Power Systems Market 2020 & 2030 (USD Billion)
- FIG 17. Asia pacific Telecom Power Systems Market 2020 & 2030 (USD Billion)
- FIG 18. Latin America Telecom Power Systems Market 2020 & 2030 (USD Billion)
- FIG 19. Middle East & Africa Telecom Power Systems Market 2020 & 2030 (USD Billion)

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 Telecom Power Systems Market Size study & Forecast, by Product Type (AC power systems, DC power systems, Digital electricity) by Grid Type (On-grid, Off-grid, Bad-grid), by Power Source (Diesel-battery, Diesel-solar, Diesel-wind, Other Sources) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G69CE2D93B52EN.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/G69CE2D93B52EN.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