

Global Power Device Analyzer Market Size study & Forecast, by Type (Both AC and DC, AC, DC) by Current (Below 1000A, Above 1000A), by End user (Automotive, Energy, Telecommunication, Consumer Electronics and Appliances, Medical) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GBB23D42E6AFEN.html>

Date: August 2023

Pages: 200

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

ID: GBB23D42E6AFEN

Abstracts

Global Power Device Analyzer Market is valued at approximately USD 470 million in 2022 and is anticipated to grow with a healthy growth rate of more than 5.0% over the forecast period 2023-2030. A power device analyzer is a device that is used to monitor the flow of power in an electrical system. It is a multi-functional power analyzer device that mainly measures power flows like direct current (DC), alternating current (AC), AC voltage, and DC voltage. It contributes to the value of power gadgets by allowing the selection of appropriate power devices for the application. They are used to measure the electrical power of devices such as converters, household appliances, power electronics testing, lighting, motors and drives, and industrial machinery. It offers a wide range of voltage, current, and other capabilities that allow it to monitor various sorts of devices. The key driving the market growth is the growing focus on energy savings, the rising adoption of power-efficient devices across various industries, and the growing electric vehicles market that is anticipated to support the market growth during the forecast period 2023-2030.

Moreover, the growing electric vehicles (EV) market is significantly supporting the growth of the Power Device Analyzer Market. As more and more consumers and governments worldwide prioritize the adoption of electric vehicles as a sustainable transportation solution, the demand for power device analyzers has surged over the

years. According to Statista, globally the number of electric vehicles sold in 2020 was 3.18 million; in 2022 the number reached 10.24 million and it is anticipated to reach 12.97 million by 2025. As a result, the growing demand for EVs is anticipated to create a lucrative demand for the market. Additionally, the rising adoption of power device analyzers by renewable energy sectors is anticipated to create a lucrative opportunity for the market during the forecast period. However, the high initial cost of installation and the requirement for skilled personnel stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Power Device Analyzer Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the presence of key market players, growing technological advancements, and increasing research and development activities in the region. Whereas, the Asia Pacific is anticipated to grow with the highest CAGR during the forecast period, owing to factors such as the rising popularity of electric vehicles and favorable government initiatives further help in market development, and growing consumer electronics, automotive, energy, and telecommunication industry in the region.

Major market player included in this report are:

Arbiter Systems Inc (U.S.)

Keysight Technologies

Hioki E E Corporation (Japan)

Rohde & Schwarz GmbH & Co. KG (Germany)

Circuitor S.A. (Spain)

CARLO GAVAZZI HOLDING AG Ltd.

Dewesoft D O O

Iwatsu Electric Co., Ltd. (Japan)

Delta Electronics Inc.

Texas Instruments (U.S.)

Recent Developments in the Market:

In Dec. 2022, The N6705C DC power analyzer from Keysight was introduced. All sourcing and assessing features are available from the front panel for increased ease. With the N6705C, Keysight offers a recessed binding post (RBP) option for additional safety when using banana plugs.

Global Power Device Analyzer 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 – Type, Current, End user, 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 Type:

Both AC and DC

AC

DC

By Current:

Below 1000A

Above 1000A

By End user:

Automotive

Energy

Telecommunication

Consumer Electronics and Appliances

Medical

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. Power Device Analyzer Market, by Region, 2020-2030 (USD Million)
 - 1.2.2. Power Device Analyzer Market, by Type, 2020-2030 (USD Million)
 - 1.2.3. Power Device Analyzer Market, by Current, 2020-2030 (USD Million)
 - 1.2.4. Power Device Analyzer Market, by End user, 2020-2030 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL POWER DEVICE ANALYZER 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 POWER DEVICE ANALYZER MARKET DYNAMICS

- 3.1. Power Device Analyzer Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing focus on energy savings
 - 3.1.1.2. Rising adoption of power-efficient devices across various industries
 - 3.1.1.3. Growing electric vehicles market
 - 3.1.2. Market Challenges
 - 3.1.2.1. High initial cost of installation and requirement of skilled personnel
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising adoption of power device analysers by renewable energy sectors
 - 3.1.3.2. Growing demand in energy industry

CHAPTER 4. GLOBAL POWER DEVICE ANALYZER 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 POWER DEVICE ANALYZER MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Power Device Analyzer Market by Type, Performance - Potential Analysis
- 5.3. Global Power Device Analyzer Market Estimates & Forecasts by Type 2020-2030 (USD Million)
- 5.4. Power Device Analyzer Market, Sub Segment Analysis
 - 5.4.1. Both AC and DC
 - 5.4.2. AC
 - 5.4.3. DC

CHAPTER 6. GLOBAL POWER DEVICE ANALYZER MARKET, BY CURRENT

- 6.1. Market Snapshot
- 6.2. Global Power Device Analyzer Market by Current, Performance - Potential Analysis
- 6.3. Global Power Device Analyzer Market Estimates & Forecasts by Current 2020-2030 (USD Million)

6.4. Power Device Analyzer Market, Sub Segment Analysis

6.4.1. Below 1000A

6.4.2. Above 1000A

CHAPTER 7. GLOBAL POWER DEVICE ANALYZER MARKET, BY END USER

7.1. Market Snapshot

7.2. Global Power Device Analyzer Market by End user, Performance - Potential Analysis

7.3. Global Power Device Analyzer Market Estimates & Forecasts by End user 2020-2030 (USD Million)

7.4. Power Device Analyzer Market, Sub Segment Analysis

7.4.1. Automotive

7.4.2. Energy

7.4.3. Telecommunication

7.4.4. Consumer Electronics and Appliances

7.4.5. Medical

CHAPTER 8. GLOBAL POWER DEVICE ANALYZER MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Power Device Analyzer Market, Regional Market Snapshot

8.4. North America Power Device Analyzer Market

8.4.1. U.S. Power Device Analyzer Market

8.4.1.1. Type breakdown estimates & forecasts, 2020-2030

8.4.1.2. Current breakdown estimates & forecasts, 2020-2030

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

8.4.2. Canada Power Device Analyzer Market

8.5. Europe Power Device Analyzer Market Snapshot

8.5.1. U.K. Power Device Analyzer Market

8.5.2. Germany Power Device Analyzer Market

8.5.3. France Power Device Analyzer Market

8.5.4. Spain Power Device Analyzer Market

8.5.5. Italy Power Device Analyzer Market

8.5.6. Rest of Europe Power Device Analyzer Market

8.6. Asia-Pacific Power Device Analyzer Market Snapshot

8.6.1. China Power Device Analyzer Market

- 8.6.2. India Power Device Analyzer Market
- 8.6.3. Japan Power Device Analyzer Market
- 8.6.4. Australia Power Device Analyzer Market
- 8.6.5. South Korea Power Device Analyzer Market
- 8.6.6. Rest of Asia Pacific Power Device Analyzer Market
- 8.7. Latin America Power Device Analyzer Market Snapshot
 - 8.7.1. Brazil Power Device Analyzer Market
 - 8.7.2. Mexico Power Device Analyzer Market
- 8.8. Middle East & Africa Power Device Analyzer Market
 - 8.8.1. Saudi Arabia Power Device Analyzer Market
 - 8.8.2. South Africa Power Device Analyzer Market
 - 8.8.3. Rest of Middle East & Africa Power Device Analyzer 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. Arbiter Systems Inc (U.S.)
 - 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. Keysight Technologies
 - 9.3.3. Hioki E E Corporation (Japan)
 - 9.3.4. Rohde & Schwarz GmbH & Co. KG (Germany)
 - 9.3.5. Circutor S.A. (Spain)
 - 9.3.6. CARLO GAVAZZI HOLDING AG Ltd.
 - 9.3.7. Dewesoft D O O
 - 9.3.8. Iwatsu Electric Co., Ltd. (Japan)
 - 9.3.9. Delta Electronics Inc.
 - 9.3.10. Texas Instruments (U.S.)

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

12. List of Tables

TABLE 1. Global Power Device Analyzer Market, report scope

TABLE 2. Global Power Device Analyzer Market estimates & forecasts by region
2020-2030 (USD Million)

TABLE 3. Global Power Device Analyzer Market estimates & forecasts by Type
2020-2030 (USD Million)

TABLE 4. Global Power Device Analyzer Market estimates & forecasts by Current
2020-2030 (USD Million)

TABLE 5. Global Power Device Analyzer Market estimates & forecasts by End user
2020-2030 (USD Million)

TABLE 6. Global Power Device Analyzer Market by segment, estimates & forecasts,
2020-2030 (USD Million)

TABLE 7. Global Power Device Analyzer Market by region, estimates & forecasts,
2020-2030 (USD Million)

TABLE 8. Global Power Device Analyzer Market by segment, estimates & forecasts,
2020-2030 (USD Million)

TABLE 9. Global Power Device Analyzer Market by region, estimates & forecasts,
2020-2030 (USD Million)

TABLE 10. Global Power Device Analyzer Market by segment, estimates & forecasts,
2020-2030 (USD Million)

TABLE 11. Global Power Device Analyzer Market by region, estimates & forecasts,
2020-2030 (USD Million)

TABLE 12. Global Power Device Analyzer Market by segment, estimates & forecasts,
2020-2030 (USD Million)

TABLE 13. Global Power Device Analyzer Market by region, estimates & forecasts,
2020-2030 (USD Million)

TABLE 14. Global Power Device Analyzer Market by segment, estimates & forecasts,
2020-2030 (USD Million)

TABLE 15. Global Power Device Analyzer Market by region, estimates & forecasts,
2020-2030 (USD Million)

TABLE 16. U.S. Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD

Million)

TABLE 17. U.S. Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 19. Canada Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 20. Canada Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 22. UK Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 23. UK Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 25. Germany Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 26. Germany Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 28. France Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 29. France Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 31. Italy Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 32. Italy Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 34. Spain Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 35. Spain Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 37. RoE Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 38. RoE Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 40. China Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 41. China Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 43. India Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 44. India Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 46. Japan Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 47. Japan Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 49. South Korea Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 50. South Korea Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 52. Australia Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 53. Australia Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 55. RoAPAC Power Device Analyzer Market estimates & forecasts, 2020-2030

(USD Million)

TABLE 56. RoAPAC Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 58. Brazil Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 59. Brazil Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 61. Mexico Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 62. Mexico Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

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

TABLE 64. RoLA Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 65. RoLA Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 66. RoLA Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 67. Saudi Arabia Power Device Analyzer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 68. South Africa Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 69. RoMEA Power Device Analyzer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 70. 12. List of secondary sources, used in the study of global Power Device Analyzer Market

TABLE 71. 12. List of primary sources, used in the study of global Power Device Analyzer Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

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

12. List of figures

FIG 1. Global Power Device Analyzer Market, research methodology

- FIG 2. Global Power Device Analyzer Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Power Device Analyzer Market, key trends 2022
- FIG 5. Global Power Device Analyzer Market, growth prospects 2023-2030
- FIG 6. Global Power Device Analyzer Market, porters 5 force model
- FIG 7. Global Power Device Analyzer Market, pest analysis
- FIG 8. Global Power Device Analyzer Market, value chain analysis
- FIG 9. Global Power Device Analyzer Market by segment, 2020 & 2030 (USD Million)
- FIG 10. Global Power Device Analyzer Market by segment, 2020 & 2030 (USD Million)
- FIG 11. Global Power Device Analyzer Market by segment, 2020 & 2030 (USD Million)
- FIG 12. Global Power Device Analyzer Market by segment, 2020 & 2030 (USD Million)
- FIG 13. Global Power Device Analyzer Market by segment, 2020 & 2030 (USD Million)
- FIG 14. Global Power Device Analyzer Market, regional snapshot 2020 & 2030
- FIG 15. North America Power Device Analyzer Market 2020 & 2030 (USD Million)
- FIG 16. Europe Power Device Analyzer Market 2020 & 2030 (USD Million)
- FIG 17. Asia pacific Power Device Analyzer Market 2020 & 2030 (USD Million)
- FIG 18. Latin America Power Device Analyzer Market 2020 & 2030 (USD Million)
- FIG 19. Middle East & Africa Power Device Analyzer Market 2020 & 2030 (USD Million)
- 12. 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 Power Device Analyzer Market Size study & Forecast, by Type (Both AC and DC, AC, DC) by Current (Below 1000A, Above 1000A), by End user (Automotive, Energy, Telecommunication, Consumer Electronics and Appliances, Medical) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/GBB23D42E6AFEN.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/GBB23D42E6AFEN.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