

# **Global Power Quality Equipment Market Size Study, by End-User (Industrial & Manufacturing, Commercial, Residential, Transportation, and Utilities), Phase (Single Phase, Three Phase), Equipment (Uninterruptible Power Supply, Static VAR Compensator, Power Quality Meters, and Others) and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G906D8EDE9D4EN.html>

Date: March 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G906D8EDE9D4EN

## **Abstracts**

The Global Power Quality Equipment Market, valued at approximately USD 28.15 billion in 2023, is anticipated to grow at a CAGR of 5.46% over the forecast period 2024-2032. The growing emphasis on efficient energy management, increasing demand for reliable and uninterrupted power supply, and the rapid expansion of smart grids and industrial automation are significantly driving market growth. Rising incidences of voltage fluctuations, power outages, and equipment failures across industrial and commercial sectors have fueled the demand for power quality equipment, ensuring optimal performance and minimal downtime for electrical systems.

With industries worldwide striving for enhanced operational efficiency and energy conservation, there is an increasing inclination toward power conditioning and voltage regulation solutions. Moreover, the widespread adoption of renewable energy sources such as wind and solar power has accentuated the necessity of power quality management systems to maintain grid stability and ensure seamless energy distribution. Furthermore, stringent government regulations regarding power reliability and energy efficiency are encouraging industries and commercial facilities to invest in advanced power quality equipment that minimizes disruptions and enhances productivity.

However, the high initial investment costs and complex integration challenges with existing electrical infrastructure pose challenges to widespread adoption. Additionally, the limited awareness regarding the long-term benefits of power quality equipment, particularly in emerging economies, may restrain market growth. Despite these challenges, increasing advancements in smart power monitoring technologies, the emergence of Internet of Things (IoT)-enabled power quality solutions, and the growing demand for electric vehicles (EVs) are expected to create lucrative opportunities for market players. The transition toward smart grids and digital substations will further propel demand for intelligent power quality monitoring systems equipped with predictive maintenance capabilities.

Regionally, North America dominated the market in 2023, driven by rapid industrialization, robust infrastructure investments, and stringent regulatory standards concerning power efficiency and reliability in the United States and Canada. Europe is also witnessing significant growth, supported by widespread adoption of smart grid technologies and energy management solutions across industries. Meanwhile, Asia-Pacific is projected to be the fastest-growing regional market over the forecast period, attributed to the rapid expansion of urbanization, industrial automation, and government-led electrification programs in countries like China, India, and Japan. The increasing demand for power backup solutions and the rising penetration of renewable energy sources further contribute to market expansion in this region.

#### Major Market Players Included in This Report:

Schneider Electric SE

ABB Ltd.

Siemens AG

General Electric Company

Eaton Corporation plc

Mitsubishi Electric Corporation

Legrand SA

Emerson Electric Co.

Toshiba Corporation

Socomec Group

Fuji Electric Co., Ltd.

Hitachi Energy Ltd.

AMETEK, Inc.

Vertiv Holdings Co.

Cyber Power Systems, Inc.

The Detailed Segments and Sub-Segments of the Market are Explained Below:

By End-User:

Industrial & Manufacturing

Commercial

Residential

Transportation

Utilities

By Phase:

Single Phase

Three Phase

By Equipment:

Uninterruptible Power Supply (UPS)

Static VAR Compensator (SVC)

Power Quality Meters

Others

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year – 2022, 2023

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years (2022-2032).

Annualized revenue and regional-level analysis for each market segment.

In-depth analysis of the geographical landscape with country-level insights.

Competitive landscape assessment, including major players and their strategies.

Insights on key business strategies and recommendations for market expansion.

Comprehensive supply and demand analysis to identify emerging market trends and investment opportunities.

## Contents

### **CHAPTER 1. GLOBAL POWER QUALITY EQUIPMENT MARKET EXECUTIVE SUMMARY**

- 1.1. Global Power Quality Equipment Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. {By End-User, Phase, Equipment}
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL POWER QUALITY EQUIPMENT MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL POWER QUALITY EQUIPMENT MARKET DYNAMICS**

- 3.1. Market Drivers

- 3.1.1. Increasing Demand for Efficient Energy Management and Reliability
- 3.1.2. Expansion of Smart Grids and Industrial Automation
- 3.1.3. Rising Adoption of Renewable Energy and Advanced Monitoring Systems
- 3.2. Market Challenges
  - 3.2.1. High Initial Investment and Integration Complexities
  - 3.2.2. Limited Awareness in Emerging Economies
- 3.3. Market Opportunities
  - 3.3.1. Advancements in IoT-enabled Power Monitoring and Predictive Maintenance
  - 3.3.2. Government Regulations Promoting Energy Efficiency
  - 3.3.3. Growth in Electric Vehicles and Digital Substations

## **CHAPTER 4. GLOBAL POWER QUALITY EQUIPMENT 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
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model
  - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
  - 4.2.5. Environmental
  - 4.2.6. Legal
- 4.3. Top Investment Opportunity
- 4.4. Top Winning Strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL POWER QUALITY EQUIPMENT MARKET SIZE & FORECASTS BY END-USER 2022-2032**

- 5.1. Segment Dashboard



5.2. Global Power Quality Equipment Market: {End-User} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

## **CHAPTER 6. GLOBAL POWER QUALITY EQUIPMENT MARKET SIZE & FORECASTS BY PHASE 2022-2032**

6.1. Segment Dashboard

6.2. Global Power Quality Equipment Market: {Phase} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

## **CHAPTER 7. GLOBAL POWER QUALITY EQUIPMENT MARKET SIZE & FORECASTS BY EQUIPMENT 2022-2032**

7.1. Segment Dashboard

7.2. Global Power Quality Equipment Market: {Equipment} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

8.1. Key Company SWOT Analysis

8.1.1. Schneider Electric SE

8.1.2. ABB Ltd.

8.1.3. Siemens AG

8.2. Top Market Strategies

8.3. Company Profiles

8.3.1. Schneider Electric SE

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Market Strategies

8.3.2. General Electric Company

8.3.3. Eaton Corporation plc

8.3.4. Mitsubishi Electric Corporation

8.3.5. Legrand SA

8.3.6. Emerson Electric Co.

8.3.7. Toshiba Corporation

8.3.8. Socomec Group

8.3.9. Fuji Electric Co., Ltd.

- 8.3.10. Hitachi Energy Ltd.
- 8.3.11. AMETEK, Inc.
- 8.3.12. Vertiv Holdings Co.
- 8.3.13. Cyber Power Systems, Inc.
- 8.4. Analyst Recommendation & Conclusion

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Power Quality Equipment Market, Report Scope

TABLE 2. Global Power Quality Equipment Market Estimates & Forecasts by Region  
2022-2032 (USD Million/Billion)

TABLE 3. Global Power Quality Equipment Market Estimates & Forecasts by End-User  
2022-2032 (USD Million/Billion)

TABLE 4. Global Power Quality Equipment Market Estimates & Forecasts by Phase  
2022-2032 (USD Million/Billion)

TABLE 5. Global Power Quality Equipment Market Estimates & Forecasts by  
Equipment 2022-2032 (USD Million/Billion)

TABLE 6. Global Power Quality Equipment Market by Segment, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 7. Global Power Quality Equipment Market by Region, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 8. Global Power Quality Equipment Market by Segment, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 9. Global Power Quality Equipment Market by Region, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 10. Global Power Quality Equipment Market by Segment, Estimates &  
Forecasts, 2022-2032 (USD Million/Billion)

TABLE 11. Global Power Quality Equipment Market by Region, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 12. Global Power Quality Equipment Market by Segment, Estimates &  
Forecasts, 2022-2032 (USD Million/Billion)

TABLE 13. Global Power Quality Equipment Market by Region, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 14. Global Power Quality Equipment Market by Segment, Estimates &  
Forecasts, 2022-2032 (USD Million/Billion)

TABLE 15. U.S. Power Quality Equipment Market Estimates & Forecasts, 2022-2032  
(USD Million/Billion)

TABLE 16. U.S. Power Quality Equipment Market Estimates & Forecasts by Segment  
2022-2032 (USD Million/Billion)

TABLE 17. U.S. Power Quality Equipment Market Estimates & Forecasts by Segment  
2022-2032 (USD Million/Billion)

TABLE 18. Canada Power Quality Equipment Market Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 19. Canada Power Quality Equipment Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

TABLE 20. Canada Power Quality Equipment Market Estimates & Forecasts by Segment 2022-2032 (USD Million/Billion)

.....

This list is not complete; the final report does contain more than 100 tables. The list may be updated in the final deliverable.

## I would like to order

Product name: Global Power Quality Equipment Market Size Study, by End-User (Industrial & Manufacturing, Commercial, Residential, Transportation, and Utilities), Phase (Single Phase, Three Phase), Equipment (Uninterruptible Power Supply, Static VAR Compensator, Power Quality Meters, and Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G906D8EDE9D4EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G906D8EDE9D4EN.html>