

# Global Power Line Communication (PLC) Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview:

Power Line Communication (PLC) is a communication technology that enables sending data over existing power cables. This means that, with just power cables running to an electronic device (for example) one can both power it up and at the same time control/retrieve data from it in a half-duplex manner.

The Global Power Line Communication (PLC) Market Size was estimated at USD 7471.44 million in 2023 and is projected to reach USD 9618.56 million by 2029, exhibiting a CAGR of 4.30% during the forecast period.

This report provides a deep insight into the global Power Line Communication (PLC) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Power Line Communication (PLC) Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Power Line Communication (PLC) market in any manner.

## Global Power Line Communication (PLC) Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

ABB

General Electric

Siemens

AMETEK

Texas Instruments

Maxim Integrated

Devolo

Cypress Semiconductor

ST Microelectronics

Panasonic

Microchip

Qualcomm Atheros

TP-Link Technologies

NETGEAR

NXP Semiconductor NV

Sigma Designs

Zyxel Communications

Renesas Electronics Corporation

Market Segmentation (by Type)

Narrowband PLC

Broadband PLC

Market Segmentation (by Application)

Residential

Commercial

Smart Grid

Automotive

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

#### Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Power Line Communication (PLC) Market

Overview of the regional outlook of the Power Line Communication (PLC) Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint

the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about

48 hours.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Power Line Communication (PLC) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

1.1 Market Definition and Statistical Scope of Power Line Communication (PLC)

1.2 Key Market Segments

1.2.1 Power Line Communication (PLC) Segment by Type

1.2.2 Power Line Communication (PLC) Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

### **2 POWER LINE COMMUNICATION (PLC) MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Power Line Communication (PLC) Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Power Line Communication (PLC) Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 POWER LINE COMMUNICATION (PLC) MARKET COMPETITIVE LANDSCAPE**

3.1 Global Power Line Communication (PLC) Sales by Manufacturers (2019-2024)

3.2 Global Power Line Communication (PLC) Revenue Market Share by Manufacturers (2019-2024)

3.3 Power Line Communication (PLC) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Power Line Communication (PLC) Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Power Line Communication (PLC) Sales Sites, Area Served, Product Type

3.6 Power Line Communication (PLC) Market Competitive Situation and Trends

3.6.1 Power Line Communication (PLC) Market Concentration Rate

3.6.2 Global 5 and 10 Largest Power Line Communication (PLC) Players Market



Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 POWER LINE COMMUNICATION (PLC) INDUSTRY CHAIN ANALYSIS**

4.1 Power Line Communication (PLC) Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF POWER LINE COMMUNICATION (PLC) MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

## **6 POWER LINE COMMUNICATION (PLC) MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Power Line Communication (PLC) Sales Market Share by Type (2019-2024)

6.3 Global Power Line Communication (PLC) Market Size Market Share by Type (2019-2024)

6.4 Global Power Line Communication (PLC) Price by Type (2019-2024)

## **7 POWER LINE COMMUNICATION (PLC) MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Power Line Communication (PLC) Market Sales by Application (2019-2024)

7.3 Global Power Line Communication (PLC) Market Size (M USD) by Application (2019-2024)

## 7.4 Global Power Line Communication (PLC) Sales Growth Rate by Application (2019-2024)

# **8 POWER LINE COMMUNICATION (PLC) MARKET SEGMENTATION BY REGION**

## 8.1 Global Power Line Communication (PLC) Sales by Region

### 8.1.1 Global Power Line Communication (PLC) Sales by Region

### 8.1.2 Global Power Line Communication (PLC) Sales Market Share by Region

## 8.2 North America

### 8.2.1 North America Power Line Communication (PLC) Sales by Country

#### 8.2.2 U.S.

#### 8.2.3 Canada

#### 8.2.4 Mexico

## 8.3 Europe

### 8.3.1 Europe Power Line Communication (PLC) Sales by Country

#### 8.3.2 Germany

#### 8.3.3 France

#### 8.3.4 U.K.

#### 8.3.5 Italy

#### 8.3.6 Russia

## 8.4 Asia Pacific

### 8.4.1 Asia Pacific Power Line Communication (PLC) Sales by Region

#### 8.4.2 China

#### 8.4.3 Japan

#### 8.4.4 South Korea

#### 8.4.5 India

#### 8.4.6 Southeast Asia

## 8.5 South America

### 8.5.1 South America Power Line Communication (PLC) Sales by Country

#### 8.5.2 Brazil

#### 8.5.3 Argentina

#### 8.5.4 Columbia

## 8.6 Middle East and Africa

### 8.6.1 Middle East and Africa Power Line Communication (PLC) Sales by Region

#### 8.6.2 Saudi Arabia

#### 8.6.3 UAE

#### 8.6.4 Egypt

#### 8.6.5 Nigeria

#### 8.6.6 South Africa

## 9 KEY COMPANIES PROFILE

### 9.1 ABB

- 9.1.1 ABB Power Line Communication (PLC) Basic Information
- 9.1.2 ABB Power Line Communication (PLC) Product Overview
- 9.1.3 ABB Power Line Communication (PLC) Product Market Performance
- 9.1.4 ABB Business Overview
- 9.1.5 ABB Power Line Communication (PLC) SWOT Analysis
- 9.1.6 ABB Recent Developments

### 9.2 General Electric

- 9.2.1 General Electric Power Line Communication (PLC) Basic Information
- 9.2.2 General Electric Power Line Communication (PLC) Product Overview
- 9.2.3 General Electric Power Line Communication (PLC) Product Market Performance
- 9.2.4 General Electric Business Overview
- 9.2.5 General Electric Power Line Communication (PLC) SWOT Analysis
- 9.2.6 General Electric Recent Developments

### 9.3 Siemens

- 9.3.1 Siemens Power Line Communication (PLC) Basic Information
- 9.3.2 Siemens Power Line Communication (PLC) Product Overview
- 9.3.3 Siemens Power Line Communication (PLC) Product Market Performance
- 9.3.4 Siemens Power Line Communication (PLC) SWOT Analysis
- 9.3.5 Siemens Business Overview
- 9.3.6 Siemens Recent Developments

### 9.4 AMETEK

- 9.4.1 AMETEK Power Line Communication (PLC) Basic Information
- 9.4.2 AMETEK Power Line Communication (PLC) Product Overview
- 9.4.3 AMETEK Power Line Communication (PLC) Product Market Performance
- 9.4.4 AMETEK Business Overview
- 9.4.5 AMETEK Recent Developments

### 9.5 Texas Instruments

- 9.5.1 Texas Instruments Power Line Communication (PLC) Basic Information
- 9.5.2 Texas Instruments Power Line Communication (PLC) Product Overview
- 9.5.3 Texas Instruments Power Line Communication (PLC) Product Market Performance
- 9.5.4 Texas Instruments Business Overview
- 9.5.5 Texas Instruments Recent Developments

### 9.6 Maxim Integrated

- 9.6.1 Maxim Integrated Power Line Communication (PLC) Basic Information

- 9.6.2 Maxim Integrated Power Line Communication (PLC) Product Overview
- 9.6.3 Maxim Integrated Power Line Communication (PLC) Product Market Performance
- 9.6.4 Maxim Integrated Business Overview
- 9.6.5 Maxim Integrated Recent Developments
- 9.7 Devolo
  - 9.7.1 Devolo Power Line Communication (PLC) Basic Information
  - 9.7.2 Devolo Power Line Communication (PLC) Product Overview
  - 9.7.3 Devolo Power Line Communication (PLC) Product Market Performance
  - 9.7.4 Devolo Business Overview
  - 9.7.5 Devolo Recent Developments
- 9.8 Cypress Semiconductor
  - 9.8.1 Cypress Semiconductor Power Line Communication (PLC) Basic Information
  - 9.8.2 Cypress Semiconductor Power Line Communication (PLC) Product Overview
  - 9.8.3 Cypress Semiconductor Power Line Communication (PLC) Product Market Performance
  - 9.8.4 Cypress Semiconductor Business Overview
  - 9.8.5 Cypress Semiconductor Recent Developments
- 9.9 ST Microelectronics
  - 9.9.1 ST Microelectronics Power Line Communication (PLC) Basic Information
  - 9.9.2 ST Microelectronics Power Line Communication (PLC) Product Overview
  - 9.9.3 ST Microelectronics Power Line Communication (PLC) Product Market Performance
  - 9.9.4 ST Microelectronics Business Overview
  - 9.9.5 ST Microelectronics Recent Developments
- 9.10 Panasonic
  - 9.10.1 Panasonic Power Line Communication (PLC) Basic Information
  - 9.10.2 Panasonic Power Line Communication (PLC) Product Overview
  - 9.10.3 Panasonic Power Line Communication (PLC) Product Market Performance
  - 9.10.4 Panasonic Business Overview
  - 9.10.5 Panasonic Recent Developments
- 9.11 Microchip
  - 9.11.1 Microchip Power Line Communication (PLC) Basic Information
  - 9.11.2 Microchip Power Line Communication (PLC) Product Overview
  - 9.11.3 Microchip Power Line Communication (PLC) Product Market Performance
  - 9.11.4 Microchip Business Overview
  - 9.11.5 Microchip Recent Developments
- 9.12 Qualcomm Atheros
  - 9.12.1 Qualcomm Atheros Power Line Communication (PLC) Basic Information

- 9.12.2 Qualcomm Atheros Power Line Communication (PLC) Product Overview
- 9.12.3 Qualcomm Atheros Power Line Communication (PLC) Product Market Performance
- 9.12.4 Qualcomm Atheros Business Overview
- 9.12.5 Qualcomm Atheros Recent Developments
- 9.13 TP-Link Technologies
  - 9.13.1 TP-Link Technologies Power Line Communication (PLC) Basic Information
  - 9.13.2 TP-Link Technologies Power Line Communication (PLC) Product Overview
  - 9.13.3 TP-Link Technologies Power Line Communication (PLC) Product Market Performance
  - 9.13.4 TP-Link Technologies Business Overview
  - 9.13.5 TP-Link Technologies Recent Developments
- 9.14 NETGEAR
  - 9.14.1 NETGEAR Power Line Communication (PLC) Basic Information
  - 9.14.2 NETGEAR Power Line Communication (PLC) Product Overview
  - 9.14.3 NETGEAR Power Line Communication (PLC) Product Market Performance
  - 9.14.4 NETGEAR Business Overview
  - 9.14.5 NETGEAR Recent Developments
- 9.15 NXP Semiconductor NV
  - 9.15.1 NXP Semiconductor NV Power Line Communication (PLC) Basic Information
  - 9.15.2 NXP Semiconductor NV Power Line Communication (PLC) Product Overview
  - 9.15.3 NXP Semiconductor NV Power Line Communication (PLC) Product Market Performance
  - 9.15.4 NXP Semiconductor NV Business Overview
  - 9.15.5 NXP Semiconductor NV Recent Developments
- 9.16 Sigma Designs
  - 9.16.1 Sigma Designs Power Line Communication (PLC) Basic Information
  - 9.16.2 Sigma Designs Power Line Communication (PLC) Product Overview
  - 9.16.3 Sigma Designs Power Line Communication (PLC) Product Market Performance
  - 9.16.4 Sigma Designs Business Overview
  - 9.16.5 Sigma Designs Recent Developments
- 9.17 Zyxel Communications
  - 9.17.1 Zyxel Communications Power Line Communication (PLC) Basic Information
  - 9.17.2 Zyxel Communications Power Line Communication (PLC) Product Overview
  - 9.17.3 Zyxel Communications Power Line Communication (PLC) Product Market Performance
  - 9.17.4 Zyxel Communications Business Overview
  - 9.17.5 Zyxel Communications Recent Developments
- 9.18 Renesas Electronics Corporation

9.18.1 Renesas Electronics Corporation Power Line Communication (PLC) Basic Information

9.18.2 Renesas Electronics Corporation Power Line Communication (PLC) Product Overview

9.18.3 Renesas Electronics Corporation Power Line Communication (PLC) Product Market Performance

9.18.4 Renesas Electronics Corporation Business Overview

9.18.5 Renesas Electronics Corporation Recent Developments

## **10 POWER LINE COMMUNICATION (PLC) MARKET FORECAST BY REGION**

10.1 Global Power Line Communication (PLC) Market Size Forecast

10.2 Global Power Line Communication (PLC) Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Power Line Communication (PLC) Market Size Forecast by Country

10.2.3 Asia Pacific Power Line Communication (PLC) Market Size Forecast by Region

10.2.4 South America Power Line Communication (PLC) Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Power Line Communication (PLC) by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

11.1 Global Power Line Communication (PLC) Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Power Line Communication (PLC) by Type (2025-2030)

11.1.2 Global Power Line Communication (PLC) Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Power Line Communication (PLC) by Type (2025-2030)

11.2 Global Power Line Communication (PLC) Market Forecast by Application (2025-2030)

11.2.1 Global Power Line Communication (PLC) Sales (K Units) Forecast by Application

11.2.2 Global Power Line Communication (PLC) Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**



## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Power Line Communication (PLC) Market Size Comparison by Region (M USD)

Table 5. Global Power Line Communication (PLC) Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Power Line Communication (PLC) Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Power Line Communication (PLC) Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Power Line Communication (PLC) Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Power Line Communication (PLC) as of 2022)

Table 10. Global Market Power Line Communication (PLC) Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Power Line Communication (PLC) Sales Sites and Area Served

Table 12. Manufacturers Power Line Communication (PLC) Product Type

Table 13. Global Power Line Communication (PLC) Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Power Line Communication (PLC)

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Power Line Communication (PLC) Market Challenges

Table 22. Global Power Line Communication (PLC) Sales by Type (K Units)

Table 23. Global Power Line Communication (PLC) Market Size by Type (M USD)

Table 24. Global Power Line Communication (PLC) Sales (K Units) by Type (2019-2024)

Table 25. Global Power Line Communication (PLC) Sales Market Share by Type

(2019-2024)

Table 26. Global Power Line Communication (PLC) Market Size (M USD) by Type (2019-2024)

Table 27. Global Power Line Communication (PLC) Market Size Share by Type (2019-2024)

Table 28. Global Power Line Communication (PLC) Price (USD/Unit) by Type (2019-2024)

Table 29. Global Power Line Communication (PLC) Sales (K Units) by Application

Table 30. Global Power Line Communication (PLC) Market Size by Application

Table 31. Global Power Line Communication (PLC) Sales by Application (2019-2024) & (K Units)

Table 32. Global Power Line Communication (PLC) Sales Market Share by Application (2019-2024)

Table 33. Global Power Line Communication (PLC) Sales by Application (2019-2024) & (M USD)

Table 34. Global Power Line Communication (PLC) Market Share by Application (2019-2024)

Table 35. Global Power Line Communication (PLC) Sales Growth Rate by Application (2019-2024)

Table 36. Global Power Line Communication (PLC) Sales by Region (2019-2024) & (K Units)

Table 37. Global Power Line Communication (PLC) Sales Market Share by Region (2019-2024)

Table 38. North America Power Line Communication (PLC) Sales by Country (2019-2024) & (K Units)

Table 39. Europe Power Line Communication (PLC) Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific Power Line Communication (PLC) Sales by Region (2019-2024) & (K Units)

Table 41. South America Power Line Communication (PLC) Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa Power Line Communication (PLC) Sales by Region (2019-2024) & (K Units)

Table 43. ABB Power Line Communication (PLC) Basic Information

Table 44. ABB Power Line Communication (PLC) Product Overview

Table 45. ABB Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 46. ABB Business Overview

Table 47. ABB Power Line Communication (PLC) SWOT Analysis



Table 48. ABB Recent Developments

Table 49. General Electric Power Line Communication (PLC) Basic Information

Table 50. General Electric Power Line Communication (PLC) Product Overview

Table 51. General Electric Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. General Electric Business Overview

Table 53. General Electric Power Line Communication (PLC) SWOT Analysis

Table 54. General Electric Recent Developments

Table 55. Siemens Power Line Communication (PLC) Basic Information

Table 56. Siemens Power Line Communication (PLC) Product Overview

Table 57. Siemens Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. Siemens Power Line Communication (PLC) SWOT Analysis

Table 59. Siemens Business Overview

Table 60. Siemens Recent Developments

Table 61. AMETEK Power Line Communication (PLC) Basic Information

Table 62. AMETEK Power Line Communication (PLC) Product Overview

Table 63. AMETEK Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. AMETEK Business Overview

Table 65. AMETEK Recent Developments

Table 66. Texas Instruments Power Line Communication (PLC) Basic Information

Table 67. Texas Instruments Power Line Communication (PLC) Product Overview

Table 68. Texas Instruments Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Texas Instruments Business Overview

Table 70. Texas Instruments Recent Developments

Table 71. Maxim Integrated Power Line Communication (PLC) Basic Information

Table 72. Maxim Integrated Power Line Communication (PLC) Product Overview

Table 73. Maxim Integrated Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Maxim Integrated Business Overview

Table 75. Maxim Integrated Recent Developments

Table 76. Devolo Power Line Communication (PLC) Basic Information

Table 77. Devolo Power Line Communication (PLC) Product Overview

Table 78. Devolo Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Devolo Business Overview

Table 80. Devolo Recent Developments

- Table 81. Cypress Semiconductor Power Line Communication (PLC) Basic Information
- Table 82. Cypress Semiconductor Power Line Communication (PLC) Product Overview
- Table 83. Cypress Semiconductor Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Cypress Semiconductor Business Overview
- Table 85. Cypress Semiconductor Recent Developments
- Table 86. ST Microelectronics Power Line Communication (PLC) Basic Information
- Table 87. ST Microelectronics Power Line Communication (PLC) Product Overview
- Table 88. ST Microelectronics Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. ST Microelectronics Business Overview
- Table 90. ST Microelectronics Recent Developments
- Table 91. Panasonic Power Line Communication (PLC) Basic Information
- Table 92. Panasonic Power Line Communication (PLC) Product Overview
- Table 93. Panasonic Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Panasonic Business Overview
- Table 95. Panasonic Recent Developments
- Table 96. Microchip Power Line Communication (PLC) Basic Information
- Table 97. Microchip Power Line Communication (PLC) Product Overview
- Table 98. Microchip Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Microchip Business Overview
- Table 100. Microchip Recent Developments
- Table 101. Qualcomm Atheros Power Line Communication (PLC) Basic Information
- Table 102. Qualcomm Atheros Power Line Communication (PLC) Product Overview
- Table 103. Qualcomm Atheros Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Qualcomm Atheros Business Overview
- Table 105. Qualcomm Atheros Recent Developments
- Table 106. TP-Link Technologies Power Line Communication (PLC) Basic Information
- Table 107. TP-Link Technologies Power Line Communication (PLC) Product Overview
- Table 108. TP-Link Technologies Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. TP-Link Technologies Business Overview
- Table 110. TP-Link Technologies Recent Developments
- Table 111. NETGEAR Power Line Communication (PLC) Basic Information
- Table 112. NETGEAR Power Line Communication (PLC) Product Overview
- Table 113. NETGEAR Power Line Communication (PLC) Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 114. NETGEAR Business Overview

Table 115. NETGEAR Recent Developments

Table 116. NXP Semiconductor NV Power Line Communication (PLC) Basic Information

Table 117. NXP Semiconductor NV Power Line Communication (PLC) Product Overview

Table 118. NXP Semiconductor NV Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 119. NXP Semiconductor NV Business Overview

Table 120. NXP Semiconductor NV Recent Developments

Table 121. Sigma Designs Power Line Communication (PLC) Basic Information

Table 122. Sigma Designs Power Line Communication (PLC) Product Overview

Table 123. Sigma Designs Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 124. Sigma Designs Business Overview

Table 125. Sigma Designs Recent Developments

Table 126. Zyxel Communications Power Line Communication (PLC) Basic Information

Table 127. Zyxel Communications Power Line Communication (PLC) Product Overview

Table 128. Zyxel Communications Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 129. Zyxel Communications Business Overview

Table 130. Zyxel Communications Recent Developments

Table 131. Renesas Electronics Corporation Power Line Communication (PLC) Basic Information

Table 132. Renesas Electronics Corporation Power Line Communication (PLC) Product Overview

Table 133. Renesas Electronics Corporation Power Line Communication (PLC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 134. Renesas Electronics Corporation Business Overview

Table 135. Renesas Electronics Corporation Recent Developments

Table 136. Global Power Line Communication (PLC) Sales Forecast by Region (2025-2030) & (K Units)

Table 137. Global Power Line Communication (PLC) Market Size Forecast by Region (2025-2030) & (M USD)

Table 138. North America Power Line Communication (PLC) Sales Forecast by Country (2025-2030) & (K Units)

Table 139. North America Power Line Communication (PLC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 140. Europe Power Line Communication (PLC) Sales Forecast by Country (2025-2030) & (K Units)

Table 141. Europe Power Line Communication (PLC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 142. Asia Pacific Power Line Communication (PLC) Sales Forecast by Region (2025-2030) & (K Units)

Table 143. Asia Pacific Power Line Communication (PLC) Market Size Forecast by Region (2025-2030) & (M USD)

Table 144. South America Power Line Communication (PLC) Sales Forecast by Country (2025-2030) & (K Units)

Table 145. South America Power Line Communication (PLC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 146. Middle East and Africa Power Line Communication (PLC) Consumption Forecast by Country (2025-2030) & (Units)

Table 147. Middle East and Africa Power Line Communication (PLC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 148. Global Power Line Communication (PLC) Sales Forecast by Type (2025-2030) & (K Units)

Table 149. Global Power Line Communication (PLC) Market Size Forecast by Type (2025-2030) & (M USD)

Table 150. Global Power Line Communication (PLC) Price Forecast by Type (2025-2030) & (USD/Unit)

Table 151. Global Power Line Communication (PLC) Sales (K Units) Forecast by Application (2025-2030)

Table 152. Global Power Line Communication (PLC) Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Power Line Communication (PLC)

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Power Line Communication (PLC) Market Size (M USD), 2019-2030

Figure 5. Global Power Line Communication (PLC) Market Size (M USD) (2019-2030)

Figure 6. Global Power Line Communication (PLC) Sales (K Units) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Power Line Communication (PLC) Market Size by Country (M USD)

Figure 11. Power Line Communication (PLC) Sales Share by Manufacturers in 2023

Figure 12. Global Power Line Communication (PLC) Revenue Share by Manufacturers in 2023

Figure 13. Power Line Communication (PLC) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Power Line Communication (PLC) Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Power Line Communication (PLC) Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Power Line Communication (PLC) Market Share by Type

Figure 18. Sales Market Share of Power Line Communication (PLC) by Type (2019-2024)

Figure 19. Sales Market Share of Power Line Communication (PLC) by Type in 2023

Figure 20. Market Size Share of Power Line Communication (PLC) by Type (2019-2024)

Figure 21. Market Size Market Share of Power Line Communication (PLC) by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Power Line Communication (PLC) Market Share by Application

Figure 24. Global Power Line Communication (PLC) Sales Market Share by Application (2019-2024)

Figure 25. Global Power Line Communication (PLC) Sales Market Share by Application in 2023

Figure 26. Global Power Line Communication (PLC) Market Share by Application



(2019-2024)

Figure 27. Global Power Line Communication (PLC) Market Share by Application in 2023

Figure 28. Global Power Line Communication (PLC) Sales Growth Rate by Application (2019-2024)

Figure 29. Global Power Line Communication (PLC) Sales Market Share by Region (2019-2024)

Figure 30. North America Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Power Line Communication (PLC) Sales Market Share by Country in 2023

Figure 32. U.S. Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Power Line Communication (PLC) Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Power Line Communication (PLC) Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Power Line Communication (PLC) Sales Market Share by Country in 2023

Figure 37. Germany Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Power Line Communication (PLC) Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Power Line Communication (PLC) Sales Market Share by Region in 2023

Figure 44. China Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Power Line Communication (PLC) Sales and Growth Rate (K Units)

Figure 50. South America Power Line Communication (PLC) Sales Market Share by Country in 2023

Figure 51. Brazil Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Power Line Communication (PLC) Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Power Line Communication (PLC) Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Power Line Communication (PLC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Power Line Communication (PLC) Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Power Line Communication (PLC) Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Power Line Communication (PLC) Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Power Line Communication (PLC) Market Share Forecast by Type (2025-2030)

Figure 65. Global Power Line Communication (PLC) Sales Forecast by Application

(2025-2030)

Figure 66. Global Power Line Communication (PLC) Market Share Forecast by Application (2025-2030)



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