

Lightning Arrester Market Size, Share, and Outlook, 2025 Report- By Type (Rod Gap Lightning Arrester, Expulsion Lightning Arrester, Continuous Cast Lightning Arrester, Others), By Voltage (Medium Voltage, High Voltage, Extra-High Voltage), By Material (Metal Oxide Lightning Resisters, Silicon Rubber, Ethylen-Propylene-Rubber, Ethylene-Propylene Diene-Monomer, Ethylen-Vinylacetate), By Application (Transmission Line, Substation, Others), By End-User (Commercial Use, Industrial Use, Domestic Use), 2018-2032

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Abstracts

Lightning Arrester Market Outlook

The Lightning Arrester Market size is expected to register a growth rate of 5.3% during the forecast period from \$1.82 Billion in 2025 to \$2.6 Billion in 2032. The Lightning Arrester market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Lightning Arrester segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Rod Gap Lightning Arrester, Expulsion Lightning Arrester, Continuous Cast Lightning Arrester, Others), By Voltage (Medium Voltage, High Voltage, Extra-High Voltage), By Material (Metal Oxide Lightning Resisters, Silicon Rubber, Ethylen-Propylene-Rubber, Ethylene-Propylene Diene-Monomer, Ethylen-

Vinylacetate), By Application (Transmission Line, Substation, Others), By End-User (Commercial Use, Industrial Use, Domestic Use). Over 70 tables and charts showcase findings from our latest survey report on Lightning Arrester markets.

Lightning Arrester Market Insights, 2025

The lightning arrester market plays a crucial role in protecting electrical infrastructure from transient overvoltage and lightning strikes, minimizing the risk of equipment damage and power outages. As climate change increases the frequency and intensity of storms, industries such as power generation, telecommunications, and transportation are investing in advanced lightning protection systems. The adoption of smart grid technology is further driving demand for intelligent lightning arresters with real-time monitoring and predictive maintenance capabilities. Utilities and industrial facilities are implementing surge protection solutions to ensure grid stability and prevent costly disruptions. High-voltage transmission networks, renewable energy installations, and critical defense applications require specialized lightning arresters designed to withstand extreme environmental conditions. The transition to underground power distribution systems is also influencing market trends, as different types of surge protection are needed for subterranean infrastructure. However, challenges such as high installation costs and compatibility issues with legacy electrical systems can hinder widespread adoption. As the push for resilient infrastructure continues, advancements in materials and IoT integration will shape the future of the lightning arrester market.

Five Trends that will define global Lightning Arrester market in 2025 and Beyond

A closer look at the multi-million market for Lightning Arrester identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Lightning Arrester companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Lightning Arrester vendors.

What are the biggest opportunities for growth in the Lightning Arrester industry?

The Lightning Arrester sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain

disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Lightning Arrester Market Segment Insights

The Lightning Arrester industry presents strong offers across categories. The analytical report offers forecasts of Lightning Arrester industry performance across segments and countries. Key segments in the industry include%li%By Type (Rod Gap Lightning Arrester, Expulsion Lightning Arrester, Continuous Cast Lightning Arrester, Others), By Voltage (Medium Voltage, High Voltage, Extra-High Voltage), By Material (Metal Oxide Lightning Resisters, Silicon Rubber, Ethylen-Propylene-Rubber, Ethylene-Propylene Diene-Monomer, Ethylen-Vinylacetate), By Application (Transmission Line, Substation, Others), By End-User (Commercial Use, Industrial Use, Domestic Use). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Lightning Arrester market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Lightning Arrester industry ecosystem. It assists decision-makers in evaluating global Lightning Arrester market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Lightning Arrester industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Lightning Arrester Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5

billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Lightning Arrester Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Lightning Arrester with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Lightning Arrester market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Lightning Arrester market Insights%li%Vendors are exploring new opportunities within the US Lightning Arrester industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Lightning Arrester companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Lightning Arrester market.

Latin American Lightning Arrester market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and

the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Lightning Arrester Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Lightning Arrester markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Lightning Arrester markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Lightning Arrester companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include ABB, CHINT Group, Eaton, GE, Hubbell, Mitsubishi Electric, Schneider, Siemens, TE Connectivity, Toshiba Corp.

Lightning Arrester Market Segmentation

By Type

Rod Gap Lightning Arrester

Expulsion Lightning Arrester

Continuous Cast Lightning Arrester

Others

By Voltage

Medium Voltage

High Voltage

Extra-High Voltage

By Material

Metal Oxide Lightning Resistors

Silicon Rubber

Ethylene-Propylene-Rubber

Ethylene-Propylene Diene-Monomer

Ethylene-Vinylacetate

By Application

Transmission Line

Substation

Others

By End-User

Commercial Use

Industrial Use

Domestic Use

Leading Companies

ABB

CHINT Group

Eaton

GE

Hubbell

Mitsubishi Electric

Schneider

Siemens

TE Connectivity

Toshiba Corp

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

Contents

1. TABLE OF CONTENTS

List of Figures and Tables

2. EXECUTIVE SUMMARY

2.1 Key Highlights

2.1.1 Lightning Arrester Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Lightning Arrester Market Types and Applications

2.1.3 Fastest Growing Segments

2.1.4 Potential Markets

2.1.5 Market Concentration

2.2 Market Scope and Segmentation

2.2.1 Market Scope- Segments

2.2.2 Market Scope- Countries

2.2.3 Macroeconomic and Demographic Outlook

2.2.4 Abbreviations

2.2.5 Units and Currency Conversions

3. RESEARCH METHODOLOGY

3.1 Primary Research Surveys

3.2 Secondary Data Sources

3.3 Data Triangulation

3.4 Forecast Methodology

3.5 Assumptions and Limitations

4. INTRODUCTION TO GLOBAL LIGHTNING ARRESTER MARKET IN 2025

4.1 Industry Panorama

4.2 Leading Companies Profiled in the Study

4.3 Asia Pacific Markets offer Robust Market Prospects for New Entrants

4.4 Market Dynamics

4.4.1 Market Dynamics- Trends and Drivers

4.4.2 Market Dynamics- Opportunities and Challenges

4.5 Regional Analysis

4.6 Porter's Five Force Analysis

- 4.6.1 Intensity of Competitive Rivalry
- 4.6.2 Threat of New Entrants
- 4.6.3 Threat of Substitutes
- 4.6.4 Bargaining Power of Buyers
- 4.6.5 Bargaining Power of Suppliers
- 4.7 Lightning Arrester Industry Value Chain Analysis
 - 4.7.1 Stage of Value Chain
 - 4.7.2 Key Activities of Companies
 - 4.7.3 Companies Included in Each Stage
 - 4.7.4 Key Insights

5. LIGHTNING ARRESTER MARKET OUTLOOK TO 2032

- 5.1 Market Size Forecast by Type, 2021-2024 and 2025-2032
- 5.2 Market Size Forecast by Application, 2021-2024 and 2024-2032
- 5.3 Market Size Forecast by Geography, 2021-2024 and 2024-2032

By Type

Rod Gap Lightning Arrester

Expulsion Lightning Arrester

Continuous Cast Lightning Arrester

Others

By Voltage

Medium Voltage

High Voltage

Extra-High Voltage

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Metal Oxide Lightning Resistors

Silicon Rubber

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Ethylene-Propylene Diene-Monomer

Ethylen-Vinylacetate

By Application

Transmission Line

Substation

Others

By End-User

Commercial Use

Industrial Use

Domestic Use

6. GLOBAL LIGHTNING ARRESTER MARKET OUTLOOK ACROSS GROWTH SCENARIOS

- 6.1 Low Growth Scenario**
- 6.2 Base/Reference Case**
- 6.3 High Growth Scenario**

6. NORTH AMERICA LIGHTNING ARRESTER MARKET SIZE OUTLOOK

- 6.1 Key Market Statistics, 2024**
- 6.2 North America Lightning Arrester Market Trends and Growth Opportunities**
 - 6.2.1 North America Lightning Arrester Market Outlook by Type**
 - 6.2.2 North America Lightning Arrester Market Outlook by Application**
- 6.3 North America Lightning Arrester Market Outlook by Country**
 - 6.3.1 The US Lightning Arrester Market Outlook, 2021- 2032**
 - 6.3.2 Canada Lightning Arrester Market Outlook, 2021- 2032**
 - 6.3.3 Mexico Lightning Arrester Market Outlook, 2021- 2032**

7. EUROPE LIGHTNING ARRESTER MARKET SIZE OUTLOOK

- 7.1 Key Market Statistics, 2024**
- 7.2 Europe Lightning Arrester Market Trends and Growth Opportunities**
 - 7.2.1 Europe Lightning Arrester Market Outlook by Type**
 - 7.2.2 Europe Lightning Arrester Market Outlook by Application**
- 7.3 Europe Lightning Arrester Market Outlook by Country**
 - 7.3.2 Germany Lightning Arrester Market Outlook, 2021- 2032**
 - 7.3.3 France Lightning Arrester Market Outlook, 2021- 2032**
 - 7.3.4 The UK Lightning Arrester Market Outlook, 2021- 2032**
 - 7.3.5 Spain Lightning Arrester Market Outlook, 2021- 2032**
 - 7.3.6 Italy Lightning Arrester Market Outlook, 2021- 2032**
 - 7.3.7 Russia Lightning Arrester Market Outlook, 2021- 2032**
 - 7.3.8 Rest of Europe Lightning Arrester Market Outlook, 2021- 2032**

8. ASIA PACIFIC LIGHTNING ARRESTER MARKET SIZE OUTLOOK

- 8.1 Key Market Statistics, 2024**
- 8.2 Asia Pacific Lightning Arrester Market Trends and Growth Opportunities**
 - 8.2.1 Asia Pacific Lightning Arrester Market Outlook by Type**

- 8.2.2 Asia Pacific Lightning Arrester Market Outlook by Application**
- 8.3 Asia Pacific Lightning Arrester Market Outlook by Country**
 - 8.3.1 China Lightning Arrester Market Outlook, 2021- 2032**
 - 8.3.2 India Lightning Arrester Market Outlook, 2021- 2032**
 - 8.3.3 Japan Lightning Arrester Market Outlook, 2021- 2032**
 - 8.3.4 South Korea Lightning Arrester Market Outlook, 2021- 2032**
 - 8.3.5 Australia Lightning Arrester Market Outlook, 2021- 2032**
 - 8.3.6 South East Asia Lightning Arrester Market Outlook, 2021- 2032**
 - 8.3.7 Rest of Asia Pacific Lightning Arrester Market Outlook, 2021- 2032**

9. SOUTH AMERICA LIGHTNING ARRESTER MARKET SIZE OUTLOOK

- 9.1 Key Market Statistics, 2024**
- 9.2 South America Lightning Arrester Market Trends and Growth Opportunities**
 - 9.2.1 South America Lightning Arrester Market Outlook by Type**
 - 9.2.2 South America Lightning Arrester Market Outlook by Application**
- 9.3 South America Lightning Arrester Market Outlook by Country**
 - 9.3.1 Brazil Lightning Arrester Market Outlook, 2021- 2032**
 - 9.3.2 Argentina Lightning Arrester Market Outlook, 2021- 2032**
 - 9.3.3 Rest of South and Central America Lightning Arrester Market Outlook, 2021- 2032**

10. MIDDLE EAST AND AFRICA LIGHTNING ARRESTER MARKET SIZE OUTLOOK

- 10.1 Key Market Statistics, 2024**
- 10.2 Middle East and Africa Lightning Arrester Market Trends and Growth Opportunities**
 - 10.2.1 Middle East and Africa Lightning Arrester Market Outlook by Type**
 - 10.2.2 Middle East and Africa Lightning Arrester Market Outlook by Application**
- 10.3 Middle East and Africa Lightning Arrester Market Outlook by Country**
 - 10.3.1 Saudi Arabia Lightning Arrester Market Outlook, 2021- 2032**
 - 10.3.2 The UAE Lightning Arrester Market Outlook, 2021- 2032**
 - 10.3.3 Rest of Middle East Lightning Arrester Market Outlook, 2021- 2032**
 - 10.3.4 South Africa Lightning Arrester Market Outlook, 2021- 2032**
 - 10.3.5 Egypt Lightning Arrester Market Outlook, 2021- 2032**
 - 10.3.6 Rest of Africa Lightning Arrester Market Outlook, 2021- 2032**

11. COMPANY PROFILES

11.1 Leading 10 Companies

ABB

CHINT Group

Eaton

GE

Hubbell

Mitsubishi Electric

Schneider

Siemens

TE Connectivity

Toshiba Corp

11.2 Overview

11.3 Products and Services

11.4 SWOT Profile

12. APPENDIX

12.1 Subscription Options

12.2 Customization Options

12.3 Publisher Details

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