

# Europe Switchgear Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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## Abstracts

Europe Switchgear Market, valued at USD 36.8 billion in 2024, is projected to experience significant growth with a robust CAGR of 8.5% from 2025 to 2034. This growth is driven by several key factors, with the increasing integration of IT systems across the electricity sector playing a pivotal role. The rise of smart grid technologies is reshaping how energy distribution is managed, making systems more efficient and responsive.

This shift in the market is expected to support the evolving energy landscape, particularly as demand for advanced infrastructure solutions surges across Europe. The European energy sector's focus on modernizing its grid systems to support both growing energy demands and renewable energy integration further enhances market growth potential. As energy systems evolve, the need for high-performance switchgear capable of supporting more reliable and sustainable energy distribution, becomes critical.

In recent years, the demand for switchgear has surged, driven primarily by the need for better control systems in transmission and distribution (T&D). With energy distribution networks facing increasing complexities, the role of switchgear becomes even more vital. The integration of IT into power systems, coupled with the growing adoption of smart grid technologies, is revolutionizing the sector. Regions with diverse energy needs and sustainability targets are particularly seeing benefits from these advancements. Modernizing electrical systems to accommodate rising energy needs and facilitate renewable energy integration is expected to create a steady demand for innovative switchgear solutions. Moreover, a heightened focus on energy security and system resilience has led to greater investment in next-generation switchgear

technology, further fueling the market.

The low-voltage (LV) segment is a dominant force in the market, projected to reach USD 48.7 billion by 2034. Regulatory initiatives aimed at standardizing products across Europe are crucial to the industry's growth. The emphasis on improving grid access, particularly in isolated or underserved areas, is driving demand for efficient and sustainable low-voltage solutions. As consumer expectations evolve, the need for smart, energy-efficient electricity networks continues to push the growth of this segment. Low-voltage switchgear is gaining popularity due to its reliability, cost-effectiveness, and adaptability to new applications.

Vacuum insulation technology has emerged as a market leader in switchgear insulation, maintaining a solid 8% CAGR through 2034. This growth is attributed to the technology's ability to deliver reliable, leak-free, and safe operation. Vacuum-insulated components are increasingly favored for their versatility and easy installation, making them ideal for a wide range of applications. The ongoing advancements in this insulation technology, combined with regional benefits, have contributed to its widespread use in modern switchgear systems across Europe.

Germany is expected to generate USD 8.5 billion in switchgear market value by 2034, driven by the country's leadership in industrial automation and the integration of smart grid technologies. As industries continue to adopt more advanced automation solutions, the demand for low-voltage and medium-voltage switchgear to manage electrical circuits is projected to grow significantly.

## Contents

### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid
    - 1.4.2.2 Public

### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry synopsis, 2021 - 2034

### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
- 3.2 Regulatory landscape
- 3.3 Industry impact forces
  - 3.3.1 Growth drivers
  - 3.3.2 Industry pitfalls & challenges
- 3.4 Growth potential analysis
- 3.5 Porter's analysis
  - 3.5.1 Bargaining power of suppliers
  - 3.5.2 Bargaining power of buyers
  - 3.5.3 Threat of new entrants
  - 3.5.4 Threat of substitutes
- 3.6 PESTEL analysis

### **CHAPTER 4 COMPETITIVE LANDSCAPE, 2024**

- 4.1 Strategic dashboard
- 4.2 Innovation & sustainability landscape

### **CHAPTER 5 MARKET SIZE AND FORECAST, BY VOLTAGE, 2021 – 2034 (USD MILLION, '000 UNITS)**

5.1 Key trends

5.2 Low

5.3 Medium

5.4 High

## **CHAPTER 6 MARKET SIZE AND FORECAST, BY INSULATION, 2021 – 2034 (USD MILLION, '000 UNITS)**

6.1 Key trends

6.2 Air

6.3 Gas

6.4 Oil

6.5 Vacuum

6.6 Others

## **CHAPTER 7 MARKET SIZE AND FORECAST, BY CURRENT, 2021 – 2034 (USD MILLION, '000 UNITS)**

7.1 Key trends

7.2 AC

7.3 DC

## **CHAPTER 8 MARKET SIZE AND FORECAST, BY APPLICATION, 2021 – 2034 (USD MILLION, '000 UNITS)**

8.1 Key trends

8.2 Residential

8.3 Commercial & industrial

8.4 Utility

## **CHAPTER 9 MARKET SIZE AND FORECAST, BY COUNTRY, 2021 – 2034 (USD MILLION, '000 UNITS)**

9.1 Key trends

9.2 UK

9.3 France

9.4 Germany

9.5 Italy

9.6 Russia

9.7 Spain

## **CHAPTER 10 COMPANY PROFILES**

10.1 ABB

10.2 Bharat Heavy Electricals

10.3 CG Power and Industrial Solutions

10.4 E + I Engineering

10.5 Eaton

10.6 Fuji Electric

10.7 General Electric

10.8 HD Hyundai Electric

10.9 Hitachi

10.10 Lucy Group

10.11 Mitsubishi Electric

10.12 Ormazabal

10.13 Schneider Electric

10.14 Siemens

10.15 Skema

10.16 Toshiba

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