

# Global Electric Vehicle Electronic Expansion Valve (EXV) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Electric Vehicle Electronic Expansion Valve (EXV) market size was valued at USD 145.1 million in 2023 and is forecast to a readjusted size of USD 671.6 million by 2030 with a CAGR of 24.5% during review period.

The global top five electric vehicle electronic expansion valve (EXV) manufacturers include Zhejiang Sanhua Automotive Components, TGK, Zhejiang Dun'an Artificial Environment, HANON, Fujikoki, with a total market share of more than 98% , the largest producer of which is Zhejiang Sanhua Automotive Components, with a market share of over 65%. The Asia-Pacific region is the global most important consumer market for EXV, with a market share of more than 40%. In terms of type, the market share of EXV for battery thermal management is about 60%. In the application field, the market share of BEV is about 60%.

The Global Info Research report includes an overview of the development of the Electric Vehicle Electronic Expansion Valve (EXV) industry chain, the market status of BEV (EXV for Air Conditioning Thermal Management, EXV for Battery Thermal Management), HEV and PHEV (EXV for Air Conditioning Thermal Management, EXV for Battery Thermal Management), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Electric Vehicle Electronic Expansion Valve (EXV).

Regionally, the report analyzes the Electric Vehicle Electronic Expansion Valve (EXV) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific,

particularly China, leads the global Electric Vehicle Electronic Expansion Valve (EXV) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Electric Vehicle Electronic Expansion Valve (EXV) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Electric Vehicle Electronic Expansion Valve (EXV) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., EXV for Air Conditioning Thermal Management, EXV for Battery Thermal Management).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Electric Vehicle Electronic Expansion Valve (EXV) market.

**Regional Analysis:** The report involves examining the Electric Vehicle Electronic Expansion Valve (EXV) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Electric Vehicle Electronic Expansion Valve (EXV) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Electric Vehicle Electronic Expansion Valve (EXV):

**Company Analysis:** Report covers individual Electric Vehicle Electronic Expansion

Valve (EXV) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Electric Vehicle Electronic Expansion Valve (EXV). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (BEV, HEV and PHEV).

**Technology Analysis:** Report covers specific technologies relevant to Electric Vehicle Electronic Expansion Valve (EXV). It assesses the current state, advancements, and potential future developments in Electric Vehicle Electronic Expansion Valve (EXV) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Electric Vehicle Electronic Expansion Valve (EXV) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Electric Vehicle Electronic Expansion Valve (EXV) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

EXV for Air Conditioning Thermal Management

EXV for Battery Thermal Management

### Market segment by Application

BEV

HEV and PHEV

Major players covered

Zhejiang Sanhua Automotive Components

TGK

Zhejiang Dun'an Artificial Environment

HANON

Fujikoki

XINJING

Ningbo Tuopu

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Electric Vehicle Electronic Expansion Valve (EXV) product

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scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electric Vehicle Electronic Expansion Valve (EXV), with price, sales, revenue and global market share of Electric Vehicle Electronic Expansion Valve (EXV) from 2019 to 2024.

Chapter 3, the Electric Vehicle Electronic Expansion Valve (EXV) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electric Vehicle Electronic Expansion Valve (EXV) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Electric Vehicle Electronic Expansion Valve (EXV) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Electric Vehicle Electronic Expansion Valve (EXV).

Chapter 14 and 15, to describe Electric Vehicle Electronic Expansion Valve (EXV) sales channel, distributors, customers, research findings and conclusion.

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