

# Global Battery Liquid Cooling Plates For Electric Vehicle 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 Battery Liquid Cooling Plates For Electric Vehicle market size was valued at USD 492.9 million in 2023 and is forecast to a readjusted size of USD 2882.6 million by 2030 with a CAGR of 28.7% during review period.

The core components of the Battery Thermal Management System mainly include Battery Coolers and Battery Liquid Cooling Plates. The Battery Liquid Cooling Plate is essentially a kind of radiator with a cooling water jacket embedded inside. When the cooling liquid in the cooling water jacket flows, the heat transferred from the power battery to the water-cooling plate is taken out through convection heat exchange to complete the heat dissipation effect. The Battery Liquid Cooling Plate is one of the most critical components in the liquid cooling system of the battery pack.

Global key players of battery liquid cooling plates for electric vehicle include Valeo, Dana, MAHLE, Nippon Light Metal, ESTRA Automotive, etc. The top five players hold a share over 62%. China is the largest market, has a share about 45%. In terms of product type, Stamping Type is the largest segment, occupied for a share of 71%, and in terms of application, BEV has a share about 68 percent.

The Global Info Research report includes an overview of the development of the Battery Liquid Cooling Plates For Electric Vehicle industry chain, the market status of BEV (Harmonica Tube Type, Stamping Type), PHEV (Harmonica Tube Type, Stamping Type), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Battery Liquid Cooling Plates For Electric Vehicle.

Regionally, the report analyzes the Battery Liquid Cooling Plates For Electric Vehicle 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 Battery Liquid Cooling Plates For Electric Vehicle market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Battery Liquid Cooling Plates For Electric Vehicle 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 Battery Liquid Cooling Plates For Electric Vehicle 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 Sets), revenue generated, and market share of different by Type (e.g., Harmonica Tube Type, Stamping Type).

**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 Battery Liquid Cooling Plates For Electric Vehicle market.

**Regional Analysis:** The report involves examining the Battery Liquid Cooling Plates For Electric Vehicle 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 Battery Liquid Cooling Plates For Electric Vehicle market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Battery Liquid Cooling Plates For Electric Vehicle:

**Company Analysis:** Report covers individual Battery Liquid Cooling Plates For Electric Vehicle 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 Battery Liquid Cooling Plates For Electric Vehicle. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (BEV, PHEV).

**Technology Analysis:** Report covers specific technologies relevant to Battery Liquid Cooling Plates For Electric Vehicle. It assesses the current state, advancements, and potential future developments in Battery Liquid Cooling Plates For Electric Vehicle areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Battery Liquid Cooling Plates For Electric Vehicle 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

Battery Liquid Cooling Plates For Electric Vehicle 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

Harmonica Tube Type

Stamping Type

Inflation Type

## Market segment by Application

BEV

PHEV

## Major players covered

Valeo

Dana

MAHLE

Nippon Light Metal

ESTRA Automotive

ONEGENE

KOHSAN Co., Ltd

Boyd Corporation

Modine Manufacturing

Sanhua Group

Nabaichuan Holding

Yinlun

Cotran

Songz Automobile Air Conditioning

## 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 Battery Liquid Cooling Plates For Electric Vehicle product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Battery Liquid Cooling Plates For Electric Vehicle, with price, sales, revenue and global market share of Battery Liquid Cooling Plates For Electric Vehicle from 2019 to 2024.

Chapter 3, the Battery Liquid Cooling Plates For Electric Vehicle competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Battery Liquid Cooling Plates For Electric Vehicle 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 Battery Liquid Cooling Plates For Electric Vehicle 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 Battery Liquid Cooling Plates For Electric Vehicle.

Chapter 14 and 15, to describe Battery Liquid Cooling Plates For Electric Vehicle sales channel, distributors, customers, research findings and conclusion.

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