

Refrigeration Components Market for Battery Thermal Management System (BTMS) and Charging System for Electric Vehicles – A Global and Regional Analysis: Focus on Applications (Battery Thermal Management System and Charging System), Component Types (Expansion Valve, Controller, Compressor, Filter Drier, Evaporator, Condenser, and Others), Propulsion Type (BEVs, HEVs, and PHEVs), and Region - Analysis and Forecast, 2020-2025

<https://marketpublishers.com/r/RF1A35FA7B82EN.html>

Date: January 2021

Pages: 192

Price: US\$ 5,000.00 (Single User License)

ID: RF1A35FA7B82EN

Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at order@marketpublishers.com with your request.

Key Questions Answered in this Report:

How is the refrigeration component market for electric vehicles evolving with new technologies and products in the global market?

What is the competitive positioning of various market leaders catering to the demand for refrigeration component market for electric vehicles?

Which regions and countries are leading in terms of consumption of refrigeration components for electric vehicles, and which among those are expected to witness the highest demand growth from 2020 to 2025?

What are the key trends, drivers, restraints, and opportunities for the

refrigeration component market for electric vehicles industry players?

What are the buyer's attributes, major challenges, and drivers of the refrigeration component market for electric vehicles in the countries?

What are the key development strategies implemented by the key players to sustain in the competitive market?

How does the supply chain function in the global refrigeration component market for electric vehicles?

Which application type segment is estimated to witness the maximum demand growth in the global refrigeration component market for electric vehicles market during 2019-2025?

Which are the key product types which may experience high demand during the forecasted period, 2020-2025?

What are the key offerings of the prominent manufacturers in the global refrigeration component market for electric vehicles market?

Refrigeration Component Market for Electric Vehicle – A Global and Regional Analysis: 2020-2025

The refrigeration component market for electric vehicles analyzed by BIS Research is expected to show decent growth in the coming years.

The refrigeration components in an electric vehicle includes condenser, evaporator, and cooling plate, among others, helps the system to provide the functionality of cooling the EV battery through the battery thermal management system. This report considers battery electric vehicles, plug-in hybrid electric vehicles, hybrid electric vehicles, and high-power charging systems for estimations and forecast.

To reduce charging time in high power charging systems, the charging power needs to go up. As a result of this, the heat will rise significantly. To efficiently dissipate the heat and enable fast charging, controlled thermal management with cooling is needed. The research study focuses on putting forward a clear picture of the current consumption and future growth potential of refrigeration component market for electric vehicles.

Scope of the Refrigeration Component Market for Electric Vehicle – A Global and Regional Analysis: 2020-2025

The Refrigeration Component Market for Electric Vehicle – A Global and Regional Analysis: 2020-2025 provides detailed market information for segmentation on the basis of application type, propulsion type, product type, and region. The purpose of this market analysis is to examine the refrigeration component outlook in terms of factors driving the market, trends, technological developments, and competitive benchmarking, among others.

The report further takes into consideration the market dynamics and the competitive landscape, along with the detailed financial and product contribution of the key players operating in the market. While highlighting the key driving and restraining forces for this market, the report also provides a detailed analysis of the technologies involved in the EV refrigeration component development process.

The global refrigeration component market for electric vehicles is segregated by region under six major regions, namely North America, Asia-Pacific and Japan, Europe, China, U.K., and Rest-of-the-World.

Key Companies Profiled in the Refrigeration Component Market for Electric Vehicle – A Global and Regional Analysis: 2020-2025

The key market players in the global refrigeration component market for electric vehicles include Hella, Hanon Systems, Robert Bosch, Gantherm Incorporated, Valeo, and Denso Corporation, among others.

Contents

1 MARKETS

1.1 Industry Outlook

1.1.1 Electric Vehicle Trends: Current and Future

1.1.2 Type of Refrigeration in Different Types of Vehicle Models

1.1.3 Supply Chain Network and Identification of Potential Customers

1.1.3.1 Refrigeration of Battery Thermal Management System and High Power Charging System

1.2 Business Dynamics

1.2.1 Business Drivers

1.2.1.1 Rapid Growth and Development of Electric Vehicles

1.2.1.2 Dominance of Vapor Compression System in AC System of Conventional ICEVs

1.2.1.3 Automotive Battery Thermal Management System Crucial for Improving Battery Performance and Efficiency

1.2.2 Business Challenges

1.2.2.1 High Cost of Thermal System Technology and R&D Costs

1.2.2.2 Electric Vehicle Battery Causes High Heat Generation

1.2.2.3 Design Complexities in Components Used for Battery Thermal Management System

1.2.3 Business Strategies

1.2.3.1 Product Developments

1.2.3.2 Market Developments

1.2.4 Corporate Strategies

1.2.4.1 Mergers and Acquisitions

1.2.4.2 Partnerships, Joint Ventures, Collaborations, and Alliances

1.2.5 Business Opportunities

1.2.5.1 Rise in Adoption of Advanced Lithium-Ion Batteries

1.2.5.2 Research and Development for Future of Cooling Systems

2 APPLICATION

2.1 Refrigeration Component Applications in Electric Vehicles

2.1.1 Refrigeration Components Requirement for Electric Vehicle Battery Thermal Management System

2.1.2 Refrigeration Components Requirement for Electric Vehicle High Power Charging System

2.1.2.1 Emerging Technologies/Concepts for EV Charging

2.1.2.1.1 Solar Charging

2.1.2.1.1.1 Key Companies Leading the Trend

2.1.2.1.1.2 Impact on EV Fast-Charging Market

2.1.2.1.2 Inductive Charging

2.1.2.1.2.1 Key Companies Leading the Trend

2.1.2.1.2.2 Impact on EV Fast-Charging Market

2.1.2.1.3 Vehicle-to-Grid

2.1.2.1.3.1 Key Companies Leading the Trend

2.1.2.1.3.2 Impact on EV Fast-Charging Market

2.2 Demand Analysis of Refrigeration Components for Electric Vehicle (by Application), Value Data

2.2.1 Battery Thermal Management System

2.2.2 High Power Charging System

2.3 Demand Analysis of Refrigeration Components for Electric Vehicle (by Propulsion Type), Volume of Refrigeration Component Equipped Electric Vehicles and Value Data

2.3.1 Battery Electric Vehicles (BEVs)

2.3.2 Hybrid Electric Vehicles (HEVs)

2.3.3 Plug-In Electric Vehicles (PHEVs)

3 PRODUCTS

3.1 Types of Refrigeration Components for Electric Vehicle BTMS and Charging Systems

3.1.1 Expansion Valve

3.1.2 Controller

3.1.3 Compressor

3.1.4 Filter Drier

3.1.5 Evaporator

3.1.6 Condenser

3.1.7 Others

3.2 Demand Analysis of Refrigeration Components for Electric Vehicle, Value Data

3.3 Demand Analysis of Refrigeration Components for Electric Vehicle Battery Thermal Management System, Value Data

3.3.1 Expansion Valve

3.3.2 Controller

3.3.3 Compressor

3.3.4 Filter Drier

3.3.5 Evaporator

3.3.6 Condenser

3.3.7 Others

3.4 Demand Analysis of Refrigeration Components for Electric Vehicle High Power Charging System, Value Data

3.4.1 Expansion Valve

3.4.2 Controller

3.4.3 Compressor

3.4.4 Filter Drier

3.4.5 Evaporator

3.4.6 Condenser

3.4.7 Others

3.5 Product Benchmarking: Growth Rate – Market Share Matrix

3.5.1 Opportunity Matrix, (by Region)

3.5.2 Opportunity Matrix (by Product Type)

3.6 Pricing Analysis

3.7 Technology Roadmap

4 REGION

4.1 North America

4.1.1 Market

4.1.1.1 Key Manufacturers and Suppliers in North America

4.1.1.2 Key Customers for Refrigeration Components in North America

4.1.1.3 Competitive Benchmarking

4.1.1.4 Business Challenges

4.1.1.5 Business Drivers

4.1.2 Application

4.1.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.1.3 Product

4.1.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.1.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.1.4 North America (by Country)

4.1.4.1 U.S.

4.1.4.1.1 Market

4.1.4.1.1.1 Buyer Attributes

4.1.4.1.1.2 Key Manufacturers and Suppliers in the U.S.

- 4.1.4.1.1.3 Business Challenges
- 4.1.4.1.1.4 Business Drivers
- 4.1.4.1.2 Application
 - 4.1.4.1.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data
- 4.1.4.1.3 Product
 - 4.1.4.1.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data
 - 4.1.4.1.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data
- 4.1.4.1.4 Pricing Analysis
- 4.1.4.1.5 Electric Vehicle Production Outlook in the Country
- 4.1.4.1.6 Electric Vehicle High Power Charging System Installation Outlook in the Country
- 4.1.4.2 Canada
 - 4.1.4.2.1 Market
 - 4.1.4.2.1.1 Buyer Attributes
 - 4.1.4.2.1.2 Key Manufacturers and Suppliers in Canada
 - 4.1.4.2.1.3 Business Challenges
 - 4.1.4.2.1.4 Business Drivers
 - 4.1.4.2.2 Application
 - 4.1.4.2.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data
 - 4.1.4.2.3 Product
 - 4.1.4.2.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data
 - 4.1.4.2.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data
 - 4.1.4.2.4 Pricing Analysis
 - 4.1.4.2.5 Electric Vehicle Production Outlook in the Country
 - 4.1.4.2.6 Electric Vehicle High Power Charging System Installation Outlook in the Country
- 4.1.4.3 Mexico
 - 4.1.4.3.1 Market
 - 4.1.4.3.1.1 Buyer Attributes
 - 4.1.4.3.1.2 Key Manufacturers and Suppliers in Mexico
 - 4.1.4.3.1.3 Business Challenges
 - 4.1.4.3.1.4 Business Drivers
 - 4.1.4.3.2 Application

4.1.4.3.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.1.4.3.3 Product

4.1.4.3.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.1.4.3.4 Pricing Analysis

4.1.4.3.5 Electric Vehicle Production Outlook in the Country

4.2 Europe

4.2.1 Market

4.2.1.1 Key Manufacturers and Suppliers in Europe

4.2.1.2 Key Customers for Refrigeration Components in Europe

4.2.1.3 Competitive Benchmarking

4.2.1.4 Business Challenges

4.2.1.5 Business Drivers

4.2.2 Application

4.2.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.2.3 Product

4.2.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.2.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.2.4 Europe (by Country)

4.2.4.1 Germany

4.2.4.1.1 Market

4.2.4.1.1.1 Buyer Attributes

4.2.4.1.1.2 Key Manufacturers and Suppliers in Germany

4.2.4.1.1.3 Business Challenges

4.2.4.1.1.4 Business Drivers

4.2.4.1.2 Application

4.2.4.1.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.2.4.1.3 Product

4.2.4.1.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.2.4.1.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.2.4.1.4 Pricing Analysis

4.2.4.1.5 Electric Vehicle Production Outlook in the Country

4.2.4.1.6 Electric Vehicle High Power Charging System Installation Outlook in the Country

4.2.4.2 France

4.2.4.2.1 Market

4.2.4.2.1.1 Buyer Attributes

4.2.4.2.1.2 Key Manufacturers and Suppliers in France

4.2.4.2.1.3 Business Challenges

4.2.4.2.1.4 Business Drivers

4.2.4.2.2 Application

4.2.4.2.2.1 Refrigeration Components Demand for Electric Vehicle (by Application),

Value Data

4.2.4.2.3 Product

4.2.4.2.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.2.4.2.3.2 Refrigeration Components Demand for Electric Vehicle High Power

Charging System, Value Data

4.2.4.2.4 Pricing Analysis

4.2.4.2.5 Electric Vehicle Production Outlook in the Country

4.2.4.2.6 Electric Vehicle High Power Charging System Installation Outlook in the

Country

4.2.4.3 Sweden

4.2.4.3.1 Market

4.2.4.3.1.1 Buyer Attributes

4.2.4.3.1.2 Key Manufacturers and Suppliers in Sweden

4.2.4.3.1.3 Business Challenges

4.2.4.3.1.4 Business Drivers

4.2.4.3.2 Application

4.2.4.3.2.1 Refrigeration Components Demand for Electric Vehicle (by Application),

Value Data

4.2.4.3.3 Product

4.2.4.3.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.2.4.3.3.2 Refrigeration Components Demand for Electric Vehicle High Power

Charging System, Value Data

4.2.4.3.4 Pricing Analysis

4.2.4.3.5 Electric Vehicle Production Outlook in the Country

4.2.4.4 Poland

4.2.4.4.1 Market

4.2.4.4.1.1 Buyer Attributes

4.2.4.4.1.2 Key Manufacturers and Suppliers in Poland

4.2.4.4.1.3 Business Challenges

4.2.4.4.1.4 Business Drivers

4.2.4.4.2 Application

4.2.4.4.2.1 Refrigeration Components Demand for Electric Vehicle (by Application),

Value Data

4.2.4.4.3 Product

4.2.4.4.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal

Management System, Value Data

4.2.4.4.4 Pricing Analysis

4.2.4.4.5 Electric Vehicle Production Outlook in the Country

4.2.4.5 Rest-of-Europe

4.2.4.5.1 Market

4.2.4.5.1.1 Buyer Attributes

4.2.4.5.1.2 Key Manufacturers and Suppliers in Rest-of-Europe

4.2.4.5.1.3 Business Challenges

4.2.4.5.1.4 Business Drivers

4.2.4.5.2 Application

4.2.4.5.2.1 Refrigeration Components Demand for Electric Vehicle (by Application),

Value Data

4.2.4.5.3 Product

4.2.4.5.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal

Management System, Value Data

4.2.4.5.3.2 Refrigeration Components Demand for Electric Vehicle High Power

Charging System, Value Data

4.3 U.K.

4.3.1 Market

4.3.1.1 Buyer Attributes

4.3.1.2 Key Manufacturers and Suppliers in the U.K.

4.3.1.3 Key Customers for Refrigeration Components in the U.K.

4.3.1.4 Competitive Benchmarking

4.3.1.5 Business Challenges

4.3.1.6 Business Drivers

4.3.2 Application

4.3.2.1 Refrigeration Components Demand for Electric Vehicle (by Application),

Value Data

4.3.3 Product

4.3.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal

Management System, Value Data

4.3.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.3.4 Pricing Analysis

4.3.5 Electric Vehicle Production Outlook in the Country

4.3.6 Electric Vehicle High Power Charging System Installation Outlook in the Country

4.4 China

4.4.1 Market

4.4.1.1 Buyer Attributes

4.4.1.2 Key Manufacturers and Suppliers in China

4.4.1.3 Key Customers for Refrigeration Components in China

4.4.1.4 Competitive Benchmarking

4.4.1.5 Business Challenges

4.4.1.6 Business Drivers

4.4.2 Application

4.4.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.4.3 Product

4.4.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.4.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.4.4 Pricing Analysis

4.4.5 Electric Vehicle Production Outlook in the Country

4.4.6 Electric Vehicle High Power Charging System Installation Outlook in the Country

4.5 Asia-Pacific and Japan

4.5.1 Market

4.5.1.1 Key Manufacturers and Suppliers in Asia-Pacific and Japan

4.5.1.2 Key Customers for Refrigeration Components in Asia-Pacific and Japan

4.5.1.3 Competitive Benchmarking

4.5.1.4 Business Challenges

4.5.1.5 Business Drivers

4.5.2 Application

4.5.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.5.3 Product

4.5.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.5.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.5.4 Asia-Pacific and Japan (by Country)

4.5.4.1 Japan

4.5.4.1.1 Market

4.5.4.1.1.1 Buyer Attributes

4.5.4.1.1.2 Key Manufacturers and Suppliers in Japan

4.5.4.1.1.3 Business Challenges

4.5.4.1.1.4 Business Drivers

4.5.4.1.2 Application

4.5.4.1.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.5.4.1.3 Product

4.5.4.1.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.5.4.1.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.5.4.1.4 Pricing Analysis

4.5.4.1.5 Electric Vehicle Production Outlook in the Country

4.5.4.1.6 Electric Vehicle High Power Charging System Installation Outlook in the Country

4.5.4.2 South Korea

4.5.4.2.1 Market

4.5.4.2.1.1 Buyer Attributes

4.5.4.2.1.2 Key Manufacturers and Suppliers in South Korea

4.5.4.2.1.3 Business Challenges

4.5.4.2.1.4 Business Drivers

4.5.4.2.2 Application

4.5.4.2.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.5.4.2.3 Product

4.5.4.2.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.5.4.2.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

4.5.4.2.4 Pricing Analysis

4.5.4.2.5 Electric Vehicle Production Outlook in the Country

4.5.4.2.6 Electric Vehicle High Power Charging System Installation Outlook in the Country

4.5.4.3 India

4.5.4.3.1 Market

- 4.5.4.3.1.1 Buyer Attributes
- 4.5.4.3.1.2 Key Manufacturers and Suppliers in India
- 4.5.4.3.1.3 Business Challenges
- 4.5.4.3.1.4 Business Drivers
- 4.5.4.3.2 Application
 - 4.5.4.3.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data
- 4.5.4.3.3 Product
 - 4.5.4.3.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data
 - 4.5.4.3.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data
- 4.5.4.3.4 Pricing Analysis
- 4.5.4.3.5 Electric Vehicle Production Outlook in the Country
- 4.5.4.3.6 Electric Vehicle High Power Charging System Installation Outlook in the Country
- 4.5.4.4 Rest-of-Asia-Pacific and Japan
 - 4.5.4.4.1 Market
 - 4.5.4.4.1.1 Buyer Attributes
 - 4.5.4.4.1.2 Key Manufacturers and Suppliers
 - 4.5.4.4.1.3 Business Challenges
 - 4.5.4.4.1.4 Business Drivers
 - 4.5.4.4.2 Application
 - 4.5.4.4.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data
 - 4.5.4.4.3 Product
 - 4.5.4.4.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data
 - 4.5.4.4.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data
- 4.6 Rest-of-the-World
 - 4.6.1 Market
 - 4.6.1.1 Buyer Attributes
 - 4.6.1.2 Key Manufacturers and Suppliers in Rest-of-the-World
 - 4.6.1.3 Key Customers for Refrigeration Components in Rest-of-the-World
 - 4.6.1.4 Competitive Benchmarking
 - 4.6.1.5 Business Challenges
 - 4.6.1.6 Business Drivers
 - 4.6.2 Application

4.6.2.1 Refrigeration Components Demand for Electric Vehicle (by Application), Value Data

4.6.3 Product

4.6.3.1 Refrigeration Components Demand for Electric Vehicle Battery Thermal Management System, Value Data

4.6.3.2 Refrigeration Components Demand for Electric Vehicle High Power Charging System, Value Data

5 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

5.1 Competitive Benchmarking

5.2 Company Profiles

5.2.1 Aspen Systems

5.2.1.1 Company Overview

5.2.1.2 Product Portfolio

5.2.1.2.1 Production Sites and R&D Analysis

5.2.1.3 Business Strategies

5.2.1.3.1 Business Expansions

5.2.1.4 Competitive Position

5.2.1.4.1 Strengths

5.2.1.4.2 Weaknesses

5.2.2 Hella

5.2.2.1 Company Overview

5.2.2.2 Product Portfolio

5.2.2.2.1 Production Sites and R&D Analysis

5.2.2.3 Competitive Position

5.2.2.3.1 Strength

5.2.2.3.2 Weaknesses

5.2.3 Mahle GmbH

5.2.3.1 Company Overview

5.2.3.2 Product Portfolio

5.2.3.2.1 Production Sites and R&D Analysis

5.2.3.3 Business Strategies

5.2.3.3.1 Market Developments

5.2.3.4 Corporate Strategies

5.2.3.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances

5.2.3.5 Competitive Position

5.2.3.5.1 Strengths

5.2.3.5.2 Weakness

5.2.4 Hanon Systems

5.2.4.1 Company Overview

5.2.4.2 Product Portfolio

5.2.4.2.1 Production Sites and R&D Analysis

5.2.4.3 Business Strategies

5.2.4.3.1 Market Developments

5.2.4.4 Corporate Strategies

5.2.4.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances

5.2.4.5 Competitive Position

5.2.4.5.1 Strengths

5.2.4.5.2 Weakness

5.2.5 Robert Bosch GmbH

5.2.5.1 Company Overview

5.2.5.2 Product Portfolio

5.2.5.2.1 Production Sites and R&D Analysis

5.2.5.3 Business Strategies

5.2.5.3.1 Market Developments

5.2.5.4 Corporate Strategies

5.2.5.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances

5.2.5.5 Competitive Position

5.2.5.5.1 Strengths

5.2.5.5.2 Weakness

5.2.6 Gentherm Incorporated

5.2.6.1 Company Overview

5.2.6.2 Product Portfolio

5.2.6.2.1 Production Sites and R&D Analysis

5.2.6.3 Business Strategies

5.2.6.3.1 Market Developments

5.2.6.4 Corporate Strategies

5.2.6.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances

5.2.6.5 Competitive Position

5.2.6.5.1 Strengths

5.2.6.5.2 Weaknesses

5.2.7 Valeo

5.2.7.1 Company Overview

5.2.7.2 Product Portfolio

5.2.7.2.1 Production Sites and R&D Analysis

5.2.7.3 Business Strategies

5.2.7.3.1 Market Developments

- 5.2.7.4 Corporate Strategies
 - 5.2.7.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
- 5.2.7.5 Competitive Position
 - 5.2.7.5.1 Strengths
 - 5.2.7.5.2 Weakness
- 5.2.8 Dana Incorporated
 - 5.2.8.1 Company Overview
 - 5.2.8.2 Product Portfolio
 - 5.2.8.2.1 Production Sites and R&D Analysis
 - 5.2.8.3 Corporate Strategies
 - 5.2.8.3.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 5.2.8.4 Competitive Position
 - 5.2.8.4.1 Strengths
 - 5.2.8.4.2 Weaknesses
- 5.2.9 VOSS Automotive GmbH
 - 5.2.9.1 Company Overview
 - 5.2.9.2 Product Portfolio
 - 5.2.9.2.1 Production Sites and R&D Analysis
 - 5.2.9.3 Business Strategies
 - 5.2.9.3.1 Market Developments
 - 5.2.9.4 Corporate Strategies
 - 5.2.9.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 5.2.9.5 Competitive Position
 - 5.2.9.5.1 Strengths
 - 5.2.9.5.2 Weakness
- 5.2.10 Avid Technology
 - 5.2.10.1 Company Overview
 - 5.2.10.2 Product Portfolio
 - 5.2.10.2.1 Production Sites and R&D Analysis
 - 5.2.10.3 Business Strategies
 - 5.2.10.3.1 Market Developments
 - 5.2.10.4 Corporate Strategies
 - 5.2.10.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 5.2.10.5 Competitive Position
 - 5.2.10.5.1 Strength
 - 5.2.10.5.2 Weakness
- 5.2.11 Sanhua Automotive
 - 5.2.11.1 Company Overview
 - 5.2.11.2 Product Portfolio

- 5.2.11.2.1 Production Sites and R&D Analysis
- 5.2.11.3 Business Strategies
 - 5.2.11.3.1 Market Developments
- 5.2.11.4 Corporate Strategies
 - 5.2.11.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
- 5.2.11.5 Competitive Position
 - 5.2.11.5.1 Strength
 - 5.2.11.5.2 Weaknesses
- 5.2.12 Keihin Corporation
 - 5.2.12.1 Company Overview
 - 5.2.12.2 Product Portfolio
 - 5.2.12.2.1 Production Sites and R&D Analysis
 - 5.2.12.3 Corporate Strategies
 - 5.2.12.3.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 5.2.12.4 Competitive Position
 - 5.2.12.4.1 Strengths
 - 5.2.12.4.2 Weaknesses
- 5.2.13 Continental
 - 5.2.13.1 Company Overview
 - 5.2.13.2 Product Portfolio
 - 5.2.13.2.1 Production Sites and R&D Analysis
 - 5.2.13.3 Competitive Position
 - 5.2.13.3.1 Strength
 - 5.2.13.3.2 Weakness
- 5.2.14 Denso Corporation
 - 5.2.14.1 Company Overview
 - 5.2.14.2 Product Portfolio
 - 5.2.14.2.1 Production Sites and R&D Analysis
 - 5.2.14.3 Business Strategies
 - 5.2.14.3.1 Market Developments
 - 5.2.14.4 Competitive Position
 - 5.2.14.4.1 Strengths
 - 5.2.14.4.2 Weaknesses
- 5.2.15 Calsonic Kansei Corporation
 - 5.2.15.1 Company Overview
 - 5.2.15.1.1 Product Portfolio
 - 5.2.15.1.2 Production Sites and R&D Analysis
 - 5.2.15.2 Business Strategies
 - 5.2.15.2.1 Market Developments

5.2.15.3 Corporate Strategies

5.2.15.3.1 Partnerships, Joint Ventures, Collaborations, and Alliances

5.2.15.4 Competitive Position

5.2.15.4.1 Strengths

5.2.15.4.2 Weakness

6 RESEARCH METHODOLOGY

6.1 Data Sources

6.1.1 Primary Data Sources

6.1.2 Secondary Data Sources

6.1.3 Data Triangulation

6.2 Market Estimation and Forecast

6.2.1 Factors for Data Prediction and Modelling

List Of Tables

LIST OF TABLES

Table 1: Global Refrigeration Component Market for Electric Vehicles Overview

Table 2: Global Electric Vehicle Refrigeration Component Market (by Propulsion Type), Thousand Units, 2019-2025

Table 3: Global Electric Vehicle Refrigeration Component Market (by Propulsion Type), \$Million, 2019-2025

Table 4: Global Refrigeration Components Market for Electric Vehicle, \$Million, 2019-2025

Table 5: Global Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 6: Global Refrigeration Components Market for Electric Vehicle Battery High Power Charging System, \$Million, 2019-2025

Table 7: Global Refrigeration Component Market for Electric Vehicles (by Region), Value, 2019, 2019-2025

Table 8: North America Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 9: North America Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 10: North America Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Million, 2019-2025

Table 11: U.S. Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 12: U.S. Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 13: U.S. Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Million, 2019-2025

Table 14: Canada Refrigeration Components Market for Electric Vehicle (by Application), \$Thousand, 2019-2025

Table 15: Canada Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 16: Canada Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 17: Mexico Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 18: Mexico Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 19: Europe Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 20: Europe Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 21: Europe Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 22: Germany Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 23: Germany Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 24: Germany Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 25: France Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 26: France Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 27: France Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 28: Sweden Refrigeration Components Market for Electric Vehicle (by Application), \$Thousand, 2019-2025

Table 29: Sweden Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Thousand, 2019-2025

Table 30: Sweden Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 31: Poland Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 32: Poland Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Thousand, 2019-2025

Table 33: Rest-of-Europe Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 34: Rest-of-Europe Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 35: Rest-of-Europe Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 36: U.K. Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 37: U.K. Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 38: U.K. Refrigeration Components Market for Electric Vehicle High Power

Charging System, \$Thousand, 2019-2025

Table 39: China Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 40: China Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 41: China Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Million, 2019-2025

Table 42: Asia-Pacific and Japan Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 43: Asia-Pacific and Japan Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 44: Asia-Pacific and Japan Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 45: Japan Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 46: Japan Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 47: Japan Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 48: South Korea Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 49: South Korea Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Table 50: South Korea Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 51: India Refrigeration Components Market for Electric Vehicle (by Application), \$Thousand, 2019-2025

Table 52: India Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Thousand, 2019-2025

Table 53: India Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 54: Rest-of-Asia-Pacific and Japan Refrigeration Components Market for Electric Vehicle (by Application), \$Million, 2019-2025

Table 55: Rest-of-Asia-Pacific and Japan Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Thousand, 2019-2025

Table 56: Rest-of-Asia-Pacific and Japan Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

Table 57: Rest-of-the-World Refrigeration Components Market for Electric Vehicle (by Application), \$Thousand, 2019-2025

Table 58: Rest-of-the-World Refrigeration Components Market for Electric Vehicle Battery Thermal Management System, \$Thousand, 2019-2025

Table 59: Rest-of-the-World Refrigeration Components Market for Electric Vehicle High Power Charging System, \$Thousand, 2019-2025

List Of Figures

LIST OF FIGURES

Figure 1: Global Refrigeration Component Market for Electric Vehicles, \$Billion, 2019-2025

Figure 2: Volume of BTMS and HPCS Generating Demand for Refrigeration Components

Figure 3: Global Refrigeration Component Market for Electric Vehicles (by Product Type), Value, 2019-2025

Figure 4: Global Refrigeration Component Market for Electric Vehicles (by Region), Value, 2019

Figure 5: Global Refrigeration Components Market for Electric Vehicles Coverage

Figure 6: Industry Trends

Figure 7: Refrigeration Type by Vehicle Model

Figure 8: Supply Chain of Refrigeration System of Battery Thermal Management System and High Power Charging System

Figure 9: Stakeholders in Global EV Refrigerant Component Market

Figure 10: Business Dynamics for the Global Refrigeration Component Market for Electric Vehicle

Figure 11: Drivers for the Global Refrigeration Components Market for Electric Vehicles

Figure 12: Challenges for the Global Refrigeration Components Market for Electric Vehicles

Figure 13: Key Business Strategies

Figure 14: Product Developments (by Company), 2018-2020

Figure 15: Market Developments (by Company), 2018-2020

Figure 16: Key Corporate Strategies

Figure 17: Mergers and Acquisitions (by Company), 2018-2020

Figure 18: Partnerships, Joint Ventures, Collaborations, and Alliances (by Company), 2018-2020

Figure 19: Opportunities for the Global Refrigeration Components Market for Electric Vehicles

Figure 20: Stakeholders in Global EV Fast-Charging System Market

Figure 21: Global Electric Vehicle Refrigeration Component Market for Battery Thermal Management System, \$Billion, 2019-2025

Figure 22: Global Electric Vehicle Refrigeration Component Market for High Power Charging System, \$Million, 2019-2025

Figure 23: Component Structures for HEVs, PHEV, and BEVs

Figure 24: Global Refrigeration Component Market for Battery Electric Vehicles, \$Billion

and Million Units, 2019-2025

Figure 25: Global Refrigeration Component Market for Hybrid Electric Vehicles, \$Billion and Million Units, 2019-2025

Figure 26: Global Refrigeration Component Market for Plug-In Hybrid Electric Vehicles, \$Million and Thousand Units, 2019-2025

Figure 27: Global Expansion Valve Market for Refrigeration Components in Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Figure 28: Global Controller Market for Refrigeration Components in Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Figure 29: Global Compressor Market for Refrigeration Components in Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Figure 30: Global Filter Drier Market for Refrigeration Components in Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Figure 31: Global Evaporator Market for Refrigeration Components in Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Figure 32: Global Condenser Market for Refrigeration Components in Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Figure 33: Global Other Components Market for Refrigeration Components in Electric Vehicle Battery Thermal Management System, \$Million, 2019-2025

Figure 34: Global Expansion Valve Market for Refrigeration Components in Electric Vehicle High Power Charging System, \$Million, 2019-2025

Figure 35: Global Controller Market for Refrigeration Components in Electric Vehicle High Power Charging System, \$Million, 2019-2025

Figure 36: Global Compressor Market for Refrigeration Components in Electric Vehicle High Power Charging System, \$Million, 2019-2025

Figure 37: Global Filter Drier Market for Refrigeration Components in Electric Vehicle High Power Charging System, \$Million, 2019-2025

Figure 38: Global Evaporator Market for Refrigeration Components in Electric Vehicle High Power Charging System, \$Million, 2019-2025

Figure 39: Global Condenser Market for Refrigeration Components in Electric Vehicle High Power Charging System, \$Million, 2019-2025

Figure 40: Global Other Components Market for Refrigeration Components in Electric Vehicle High Power Charging System, \$Million, 2019-2025

Figure 41: Global Refrigeration Component Market for Electric Vehicles Opportunity Matrix (by Region), Units

Figure 42: Global Refrigeration Component Market for Electric Vehicles Opportunity Matrix (by Product Type), Units

Figure 43: Global Refrigeration Component Market for Electric Vehicles Pricing Analysis

Figure 44: Competitive Benchmarking in North America

Figure 45: Pricing Analysis (by Product Type), US\$/Unit

Figure 46: Electric Vehicle Production Scenario in the U.S., Units

Figure 47: Electric Vehicle High Power Charging System Installation Scenario in the U.S., Units

Figure 48: Pricing Analysis (by Product Type), US\$/Unit

Figure 49: Electric Vehicle Production Scenario in Canada, Units

Figure 50: Electric Vehicle High Power Charging System Installation Scenario in Canada, Units

Figure 51: Pricing Analysis (by Product Type), US\$/Unit

Figure 52: Electric Vehicle Production Scenario in Mexico, Units

Figure 53: Competitive Benchmarking in Europe

Figure 54: Pricing Analysis (by Product Type), US\$/Unit

Figure 55: Electric Vehicle Production Scenario in Germany, Units

Figure 56: Electric Vehicle High Power Charging System Installation Scenario in Germany, Units

Figure 57: Pricing Analysis (by Product Type), US\$/Unit

Figure 58: Electric Vehicle Production Scenario in France, Units

Figure 59: Electric Vehicle High Power Charging System Installation Scenario in France, Units

Figure 60: Pricing Analysis (by Product Type), US\$/Unit

Figure 61: Electric Vehicle Production Scenario in Sweden, Units

Figure 62: Pricing Analysis (by Product Type), US\$/Unit

Figure 63: Electric Vehicle Production Scenario in Poland, Units

Figure 64: Competitive Benchmarking in the U.K.

Figure 65: Pricing Analysis (by Product Type), US\$/Unit

Figure 66: Electric Vehicle Production Scenario in the U.K., Units

Figure 67: Electric Vehicle High Power Charging System Installation Scenario in the U.K., Units

Figure 68: Competitive Benchmarking in China

Figure 69: Pricing Analysis (by Product Type), US\$/Unit

Figure 70: Electric Vehicle Production Scenario in China, Units

Figure 71: Electric Vehicle High Power Charging System Installation Scenario in China, Units

Figure 72: Competitive Benchmarking in Asia-Pacific and Japan

Figure 73: Pricing Analysis (by Product Type), US\$/Unit

Figure 74: Electric Vehicle Production Scenario in Japan, Units

Figure 75: Electric Vehicle High Power Charging System Installation Scenario in Japan, Units

Figure 76: Pricing Analysis (by Product Type), US\$/Unit

Figure 77: Electric Vehicle Production Scenario in South Korea, Units

Figure 78: Electric Vehicle High Power Charging System Installation Scenario in South Korea, Units

Figure 79: Pricing Analysis (by Product Type), US\$/Unit

Figure 80: Electric Vehicle Production Scenario in India, Units

Figure 81: Electric Vehicle High Power Charging System Installation Scenario in India, Units

Figure 82: Competitive Benchmarking

Figure 83: Data Triangulation

Figure 84: Top-Down and Bottom-Up Approach

Figure 85: Assumptions and Limitations

I would like to order

Product name: Refrigeration Components Market for Battery Thermal Management System (BTMS) and Charging System for Electric Vehicles – A Global and Regional Analysis: Focus on Applications (Battery Thermal Management System and Charging System), Component Types (Expansion Valve, Controller, Compressor, Filter Drier, Evaporator, Condenser, and Others), Propulsion Type (BEVs, HEVs, and PHEVs), and Region - Analysis and Forecast, 2020-2025

Product link: <https://marketpublishers.com/r/RF1A35FA7B82EN.html>

Price: US\$ 5,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/RF1A35FA7B82EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970