

# Global New Energy Vehicle PTC Electric Heating Controller Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global New Energy Vehicle PTC Electric Heating Controller market size is expected to reach \$58340 million by 2029, rising at a market growth of 25.3% CAGR during the forecast period (2023-2029).

The thermal management system of new energy vehicles is very complex, and the market space for the core component PTC electric heater is vast. Due to the low efficiency of the internal combustion engine and sufficient engine waste heat, traditional fuel vehicles have a relatively simple thermal management system, which mainly focuses on refrigeration and heat dissipation. The thermal management system of new energy vehicles is more complex, including refrigeration system, heating system (PTC/heat pump), battery thermal management system (air-cooled/liquid-cooled/direct-cooled), motor electronically controlled cooling system (liquid cooling/ (Independent heat exchange) and the unique engine cooling and gearbox cooling systems of PHEV models. The significant increase in complexity has made the thermal management system the most valuable system in a new energy vehicle besides the three-electric system. It is the alternative to traditional automobile thermal management systems. 3-4 times.

The new energy vehicle PTC electric heating controller is a device that inputs the DC power supply through PWM control to drive the new energy vehicle PTC heater, and integrates over-temperature, over-current and other protection devices. It adopts standardized circuit and software design, and can quickly respond to market and market conditions. Customer demand.

This report studies the global New Energy Vehicle PTC Electric Heating Controller



production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for New Energy Vehicle PTC Electric Heating Controller, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of New Energy Vehicle PTC Electric Heating Controller that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global New Energy Vehicle PTC Electric Heating Controller total production and demand, 2018-2029, (K Units)

Global New Energy Vehicle PTC Electric Heating Controller total production value, 2018-2029, (USD Million)

Global New Energy Vehicle PTC Electric Heating Controller production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global New Energy Vehicle PTC Electric Heating Controller consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: New Energy Vehicle PTC Electric Heating Controller domestic production, consumption, key domestic manufacturers and share

Global New Energy Vehicle PTC Electric Heating Controller production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global New Energy Vehicle PTC Electric Heating Controller production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global New Energy Vehicle PTC Electric Heating Controller production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global New Energy Vehicle PTC Electric Heating Controller market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key



developments. Key companies covered as a part of this study include Shanghai Rujing Technology Co., Ltd., Mirallon, Zhenjiang Dongfang Electric Heating Technology Co., Ltd., Yixing Xingchen Electric Heater Co., Ltd., Weihai Kebole Automotive Electronics Co., Ltd., Skyworks, KLC Corporation, Shanghai PAKE Thermistor Ceramics Co., Ltd. and Vmax, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World New Energy Vehicle PTC Electric Heating Controller market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global New Energy Vehicle PTC Electric Heating Controller Market, By Region:

United States
China
Europe
Japan
South Korea
ASEAN
India
Rest of World



Global New Energy Vehicle PTC Electric Heating Controller Market, Segmentation by Type

Low Voltage Electric Heating PTC
High Voltage Electric Heating PTC

Global New Energy Vehicle PTC Electric Heating Controller Market, Segmentation by Application

Automobile Industry

Research Institutions

Others

# Companies Profiled:

Shanghai Rujing Technology Co., Ltd.

Mirallon

Zhenjiang Dongfang Electric Heating Technology Co., Ltd.

Yixing Xingchen Electric Heater Co., Ltd.

Weihai Kebole Automotive Electronics Co., Ltd.

Skyworks

**KLC Corporation** 

Shanghai PAKE Thermistor Ceramics Co., Ltd.

Vmax

Watlow



# Hebei Nanfeng Automobile Equipment (Group) Co., Ltd.

# Key Questions Answered

- 1. How big is the global New Energy Vehicle PTC Electric Heating Controller market?
- 2. What is the demand of the global New Energy Vehicle PTC Electric Heating Controller market?
- 3. What is the year over year growth of the global New Energy Vehicle PTC Electric Heating Controller market?
- 4. What is the production and production value of the global New Energy Vehicle PTC Electric Heating Controller market?
- 5. Who are the key producers in the global New Energy Vehicle PTC Electric Heating Controller market?



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