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Global Magnetic Components for EV Charger Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Magnetic Components for EV Charger market size was valued at US$ 1262 million in 2025 and is forecast to a readjusted size of US$ 3312 million by 2032 with a CAGR of 14.8% during review period.

Magnetic Components for EV Charger refer to electromagnetic devices such as inductors, transformers, and chokes that are integrated within charging systems to perform essential functions including energy conversion, voltage transformation, current regulation, and electromagnetic interference suppression, enabling efficient and stable transfer of electrical power from the grid to electric vehicle batteries. The unit price of magnetic components for EV chargers is typically in the tens of dollars, with industry gross margins ranging from 20% to 35%.

The upstream supply chain of magnetic components for EV chargers consists of suppliers of core materials such as ferrite, nanocrystalline alloys, copper conductors, insulating materials, and precision manufacturing equipment, which support component manufacturers in designing and producing inductors, transformers, and filtering magnetics, while the downstream includes power module integrators and EV charger manufacturers that incorporate these components into power conversion systems, followed by deployment through charging infrastructure providers, utilities, and commercial operators, ultimately connecting the magnetic component industry to the broader electric vehicle ecosystem and energy transition landscape.

This report is a detailed and comprehensive analysis for global Magnetic Components for EV Charger market. Both quantitative and qualitative analyses are presented by

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manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Magnetic Components for EV Charger market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Magnetic Components for EV Charger market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Magnetic Components for EV Charger market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Magnetic Components for EV Charger market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Magnetic Components for EV Charger

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Magnetic Components for EV Charger market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TDK, Eaton, Delta Electronics, Murata Manufacturing, W?rth Elektronik, Proterial, Sumida, VACUUMSCHMELZE,

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Pulse Electronics, Tamura, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Magnetic Components for EV Charger market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Inductors

Transformers

EMI Components

Others

Market segment by Power Level

120kW

Market segment by Material

Ferrite-based

Nanocrystalline

Others

Market segment by Application

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Public Charging

Residential Charging

Major players covered

TDK

Eaton

Delta Electronics

Murata Manufacturing

W?rth Elektronik

Proterial

Sumida

VACUUMSCHMELZE

Pulse Electronics

Tamura

Sunlord

Click

Microgate Technology

JingQuanHua

Mentech

Eaglerise

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Spitzer

Gloria

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 Magnetic Components for EV Charger product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Magnetic Components for EV Charger, with price, sales quantity, revenue, and global market share of Magnetic Components for EV Charger from 2021 to 2026.

Chapter 3, the Magnetic Components for EV Charger competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Magnetic Components for EV Charger breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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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 2021 to 2026.and Magnetic Components for EV Charger market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Magnetic Components for EV Charger.

Chapter 14 and 15, to describe Magnetic Components for EV Charger sales channel, distributors, customers, research findings and conclusion.

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