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Global Magnetic Components for EV Charger Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Magnetic Components for EV Charger market size is expected to reach $ 3312 million by 2032, rising at a market growth of 14.8% CAGR during the forecast period (2026-2032).

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 studies the global Magnetic Components for EV Charger production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Magnetic

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Components for EV Charger and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Magnetic Components for EV Charger that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Magnetic Components for EV Charger total production and demand, 2021-2032, (K Units)
Global Magnetic Components for EV Charger total production value, 2021-2032, (USD Million)
Global Magnetic Components for EV Charger production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)
Global Magnetic Components for EV Charger consumption by region & country, CAGR, 2021-2032 & (K Units)
U.S. VS China: Magnetic Components for EV Charger domestic production, consumption, key domestic manufacturers and share
Global Magnetic Components for EV Charger production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)
Global Magnetic Components for EV Charger production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)
Global Magnetic Components for EV Charger production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Magnetic Components for EV Charger 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 TDK, Eaton, Delta Electronics, Murata Manufacturing, W?rth Elektronik, Proterial, Sumida, VACUUMSCHMELZE, Pulse Electronics, Tamura, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Magnetic Components for EV Charger market

Detailed Segmentation:

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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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Magnetic Components for EV Charger Market, By Region:

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

Global Magnetic Components for EV Charger Market, Segmentation by Type:

- Inductors
- Transformers
- EMI Components
- Others

Global Magnetic Components for EV Charger Market, Segmentation by Power Level:

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120kW

Global Magnetic Components for EV Charger Market, Segmentation by Material:

Ferrite-based

Nanocrystalline

Others

Global Magnetic Components for EV Charger Market, Segmentation by Application:

Public Charging

Residential Charging

Companies Profiled:

TDK

Eaton

Delta Electronics

Murata Manufacturing

W?rth Elektronik

Proterial

Sumida

VACUUMSCHMELZE

Pulse Electronics

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Tamura

Sunlord

Click

Microgate Technology

JingQuanHua

Mentech

Eaglerise

Spitzer

Gloria

Key Questions Answered:

1. How big is the global Magnetic Components for EV Charger market?
2. What is the demand of the global Magnetic Components for EV Charger market?
3. What is the year over year growth of the global Magnetic Components for EV Charger market?
4. What is the production and production value of the global Magnetic Components for EV Charger market?
5. Who are the key producers in the global Magnetic Components for EV Charger market?
6. What are the growth factors driving the market demand?

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