

Global Electric Vehicle (EV) Charger Converter Module Market Size, Share, Revenue, Trends And Drivers For 2024-2033

Global Electric Vehicle (EV) Charger Converter Module Market Size, Trends, And Forecast 2024-2033

LONDON , GREATER LONDON , UK ,
August 29, 2024 /EINPresswire.com/ --
The global electric vehicle (EV) charger converter module market is set to grow from \$2.99 billion in 2023 to \$3.68 billion in 2024, at a compound annual growth rate (CAGR) of 23%. Despite

recent challenges, the electric vehicle (EV) charger converter module market is anticipated to expand to \$8.46 billion by 2028 at a compound annual growth rate (CAGR) of 23.1%, driven by the rising demand for electric vehicles, the expansion of charging infrastructure, and increasing consumer awareness about environmental sustainability.



You Can Now Pre Order
Your Report To Get A Swift
Deliver With All Your Needs”
*The Business Research
Company*

Surge in Demand for Charging Infrastructure Drives Market Growth

A surge in demand for charging infrastructure is a major factor contributing to the growth of the electric vehicle (EV) charger converter module market. Charging infrastructure encompasses the network of charging stations and equipment necessary for EVs. This rise is driven by increasing EV adoption, supportive government policies,

advancements in EV technology, and heightened environmental awareness. For example, the Edison Electric Institute (EEI) forecasts that the number of EVs on U.S. roads will increase from 2.4 million in 2021 to 26.4 million by 2030, requiring approximately 12.9 million charging ports to meet this demand. This surge emphasizes the need for more efficient EV charger converter modules.

Explore comprehensive insights into the global EV charger converter module market with a detailed sample report:

https://www.thebusinessresearchcompany.com/sample_request?id=16669&type=smp



Key Players and Innovations

Major companies in the electric vehicle (EV) charger converter module market include Robert Bosch GmbH, Siemens AG, Denso Corporation, and Schneider Electric SE. These companies are focusing on innovations in converter module technology, such as power semiconductor modules, to enhance the efficiency and performance of EV charging systems. For instance, in May 2022, Hitachi Energy launched RoadPak, a pioneering power semiconductor module utilizing advanced silicon carbide (SiC) technology. This innovation offers faster charging, enhanced reliability, and improved energy efficiency, crucial for the future of sustainable transportation.

Trends in Technology and Integration

The electric vehicle (EV) charger converter module market is experiencing significant trends including the adoption of electric vehicles, advancements in power semiconductor modules, silicon carbide (SiC) technology, and integration with smart grids. The continued expansion of fast charging networks, rising investments in renewable energy, and rapid growth in electric vehicle sales are key drivers of these trends.

Segments:

- By Product Type: Direct Current to Direct Current Converter (DC/DC), Alternating Current to Direct Current Converter (AC/DC)
- By Power Rating: 30 to 60 kW, 60 to 120 kW, 120 to 240 kW, 240 to 400 kW
- By End-user: Residential, Commercial, Public

Geographical Insights: Asia-Pacific Leading the Market

Asia-Pacific was the largest region in the electric vehicle (EV) charger converter module market in 2023 and is expected to continue leading. The electric vehicle (EV) charger converter module market region's growth is driven by rapid technological advancements and a growing network of charging stations. The comprehensive report provides detailed insights into regional dynamics, market trends, and growth opportunities.

Explore the report store to make a direct purchase of the report

<https://www.thebusinessresearchcompany.com/report/electric-vehicle-ev-charger-converter-module-global-market-report>

Electric Vehicle (EV) Charger Converter Module Global Market Report 2024 from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Electric Vehicle (EV) Charger Converter Module Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on electric vehicle (EV) charger converter module market size, electric vehicle (EV) charger converter module market drivers and trends, electric vehicle (EV) charger converter module market major players,

competitors' revenues, electric vehicle (EV) charger converter module marketpositioning, and electric vehicle (EV) charger converter module marketgrowth across geographies.The electric vehicle (EV) charger converter module market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

Browse Through More Similar Reports By The Business Research Company:

Electric Vehicle Charger Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/electric-vehicle-charger-global-market-report>

Electric Vehicle (EV) Charging Panelboard Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/electric-vehicle-ev-charging-panelboard-global-market-report>

Electric Vehicle Charging Infrastructure Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/electric-vehicle-charging-infrastructure-global-market-report>

About [The Business Research Company ?](#)

The Business Research Company has published over 15000+ reports in 27 industries, spanning 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

Contact Information

The Business Research Company

Europe: +44 207 1930 708

Asia: +91 8897263534

Americas: +1 315 623 0293

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/738583349>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.