

Global Bus Pantograph Charger Market 2023-2029

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Abstracts

The global bus pantograph charger market size is projected to grow by USD 6.0 billion from 2023 to 2029, registering a CAGR of 22.47 percent, according to the latest market data. Bus pantograph chargers are commonly used in electric bus rapid transit (BRT) systems, where buses travel along dedicated bus lanes and make frequent stops at designated stations. The overhead charging system allows the buses to quickly charge their batteries during these stops, extending their range and reducing the need for lengthy charging times at the depot. The pantograph charging system is also more efficient than other charging methods, as it can transfer power at a higher rate, allowing the bus to charge more quickly. Additionally, the overhead charging system eliminates the need for charging cables, which can be cumbersome and require additional space. Bus pantograph chargers are commonly used in electric bus rapid transit (BRT) systems, where buses travel along dedicated bus lanes and make frequent stops at designated stations. The overhead charging system allows the buses to quickly charge their batteries during these stops, extending their range and reducing the need for lengthy charging times at the depot. The pantograph charging system is also more efficient than other charging methods, as it can transfer power at a higher rate, allowing the bus to charge more quickly. Additionally, the overhead charging system eliminates the need for charging cables, which can be cumbersome and require additional space.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global bus pantograph charger market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the charging type, component type, charging infrastructure

type, and region. The global market for bus pantograph charger can be segmented by charging type: level 1, level 2, direct current fast charging. Among these, the level 1 segment was accounted for the highest revenue generator in 2022. Bus pantograph charger market is further segmented by component type: hardware, software. The hardware segment is estimated to account for the largest share of the global bus pantograph charger market. Based on charging infrastructure type, the bus pantograph charger market is segmented into: off-board top-down pantograph, on-board bottom-up pantograph. The on-board bottom-up pantograph segment held the largest share of the global bus pantograph charger market in 2022 and is anticipated to hold its share during the forecast period. On the basis of region, the bus pantograph charger market also can be divided into: North America, Europe, Asia-Pacific, Rest of the World (RoW).

Market Segmentation

By charging type: level 1, level 2, direct current fast charging

By component type: hardware, software

By charging infrastructure type: off-board top-down pantograph, on-board bottom-up pantograph

By region: North America, Europe, Asia-Pacific, Rest of the World (RoW)

The report has also analysed the competitive landscape of the global bus pantograph charger market with some of the key players being ABB Ltd., Schunk Group, Wabtec Corporation, Siemens Mobility GmbH, Valmont Industries Inc., Mapna Group, Comeca Group, Heliox Energy, iEngineering Group, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global bus pantograph charger market.

To classify and forecast the global bus pantograph charger market based on charging type, component type, charging infrastructure type, region.

To identify drivers and challenges for the global bus pantograph charger market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global bus pantograph charger market.

To identify and analyze the profile of leading players operating in the global bus pantograph charger market.

Why Choose This Report

Gain a reliable outlook of the global bus pantograph charger market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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Level
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ABB Ltd.

Schunk Group

Wabtec Corporation

Siemens Mobility GmbH

Valmont Industries Inc.

Mapna Group

Comeca Group

Heliox Energy

iEngineering Group

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