

Rising EV Adoption Accelerates Portable EV Charger Market Toward \$389 Million by 2035

WILMINGTON, NEW CASTLE, DE, UNITED STATES, November 20, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Portable EV Charger Market](#) by Type (AC and DC), and Application (Passenger Cars and Commercial Vehicles): Global Opportunity Analysis and Industry Forecast, 2025–2035". According to the report, the global portable EV charger industry is expected to generate \$63.2 million in 2025 and is anticipated to generate \$388.9 million in 2035, witnessing a CAGR of 20.1% from 2026 to 2035.



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Prime determinants of growth

The rise in the sale of electric vehicles as well as the lack of standardization of EV charging and the greater need for convenience drives the growth of the global portable EV charger market. Limitations associated with the existing electric vehicle charging infrastructure also boost the growth of the portable EV charger market. Greater adoption of portable EV chargers is expected during the forecast period to address range anxiety associated with electric vehicles among consumers. However, the superior cost of portable EV chargers is anticipated to restrict the market growth during the forecast period. Moreover, greater demand for mobile charging as a service and the rise in adoption of shared mobility are expected to present new opportunities in the coming years. Market players are increasingly investing in the development of advanced wireless, bi-directional fast chargers to cater to the growing demand for portable EV chargers during the forecast period.

Covid-19 Scenario

The outbreak of the Covid-19 pandemic led to the closing of international borders and disruption in the supply chain, which reduced demand for electric vehicles worldwide, thereby leading to decreased demand for portable EV chargers.

The pandemic resulted in a continued reduction in the adoption of portable electric vehicle chargers due to nationwide lockdowns and a slowdown in shipments due to temporary closures of manufacturing facilities. The COVID-19 pandemic halted overall nationwide mobility.

The automotive industry has been affected by the COVID-19 pandemic, and the disruption negatively impacted the demand for electric vehicles which further reduced the growth of the portable electric vehicle charger market.

However, with ease in COVID-19 restrictions, the global portable EV charger market is expected to experience growth on account of the rise in the adoption of electric vehicles and the introduction of stringent emission regulations by countries across the world.

The DC portable EV charger segment to maintain its leadership status throughout the forecast period

Based on type, the DC portable EV charger segment is expected to hold the highest market share in 2025, accounting for nearly three-fourths of the global portable EV charger market, and is estimated to maintain its leadership status throughout the forecast period. With a DC charger, direct current is supplied directly to the battery, bypassing the onboard charger. DC fast charging is essential for high-mileage heavy vehicles. The rise in the need for portable anytime/anyplace charging drives the growth of DC chargers in the market. It is also projected to manifest the highest CAGR of 20.7% from 2026 to 2035.

The passenger cars segment to maintain its lead position during the forecast period

Based on application, the passenger cars segment is expected to account for the largest share in 2025, accounting for more than three-fourths of the global portable EV charger market, and is projected to maintain its lead position during the forecast period. There is an increase in the development of portable electric vehicle chargers for passenger vehicles to reduce mileage and range anxiety among consumers. The rise in demand for electric passenger vehicles owing to the increase in awareness of environmental impacts due to emissions of greenhouse gases, and the implementation of favorable government policies support the growth of this segment. However, the commercial vehicle segment is expected to portray the highest CAGR of 22.1% from 2026 to 2035.

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Asia-Pacific to maintain its dominance by 2035

Based on region, Asia-Pacific is expected to hold the highest market share in terms of revenue in 2025, accounting for more than two-fifth of the global portable EV charger market, and is likely to dominate the market during the forecast period. Asia-Pacific possesses high market potential owing to the rapid upsurge in the number of electric vehicles in countries such as China, India, and Japan. Several government initiatives for the development of electric vehicle charging are expected to boost the growth of the portable EV charger market in this region. Moreover, huge investments in the expansion of the electric vehicle industry are expected to drive the growth of the market. However, the Europe region is expected to witness the highest CAGR of 21.2% from 2026 to 2035.

Leading Market Players: -

JTM Power Limited
Evteq Mobility Private Limited
Heliox Energy
Guangzhou Electway Technology Co., Ltd
Blink Charging Co.
Power-Sonic Corporation
Shenzhen SETEC Power Co., Ltd.
ZipCharge Limited
SparkCharge
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David Correa

Allied Market Research

+ + + + +1 800-792-5285

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