



"Common Questions about Electric Vehicles (EVs) and Charging Stations: Answers from Global Cynax"



What is EV & Commercial EV Charging Station?

EV stands for Electric Vehicle. It refers to vehicles that are powered by one or more electric motors, rather than traditional internal combustion engines. Electric vehicles can be powered by batteries, fuel cells, or a combination of both.

A Commercial EV Charging Station is a specialized facility designed for charging electric vehicles, particularly those used for commercial purposes such as fleets of electric vehicles used by businesses. These stations provide electricity to recharge the batteries of electric vehicles and are usually equipped with multiple charging points to accommodate several vehicles simultaneously. Commercial EV charging stations are vital infrastructure for supporting the adoption of electric vehicles in commercial fleets, offering convenient and reliable charging solutions for businesses operating electric vehicles.

What is the future of electric vehicles in Bangladesh?

The future of electric vehicles (EVs) in Bangladesh holds immense potential, driven by a convergence of factors. As the country grapples with severe air pollution, rising fuel costs, and urban congestion, the transition to electric mobility emerges as a compelling solution. Government initiatives, including tax incentives and import duty waivers, signal a strong commitment to promoting EV adoption.

Currently, there are 50 electric vehicles in operation, and this figure is escalating swiftly. The government has initiated a plan to ensure that electric vehicles constitute 30% of the total vehicle fleet within 2030.

The Bangladesh Road Transport Authority (BRTA) has started registrations for electric vehicles, with 50 vehicles already registered. Another main reason for the growing popularity of electric vehicles, such as cars, SUVs, and microbuses, is their impressive range of 300km to 500km per single charge, enabling them to reach major destinations across Bangladesh on a single charge.

Can traditional Petrol Pumps and CNG Refueling Stations install EV charging stations?

Yes, traditional petrol pumps and CNG refueling stations can indeed install EV charging stations. This presents several possibilities:

Diversification of Services: Petrol pumps and CNG refueling stations can expand their services to cater to the growing market of electric vehicles, thereby diversifying their revenue streams.

Utilization of Existing Infrastructure: These stations already have the necessary infrastructure in terms of space and access to electricity, which can be leveraged for installing EV charging stations.

Meeting Market Demand: With the increasing adoption of electric vehicles, there is a rising demand for EV charging infrastructure. By installing charging stations, petrol pumps and CNG refueling stations can meet this demand and attract more customers.



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How can Global Cynax assist you in establishing an EV charging station for commercial use?

Global Cynax offers comprehensive assistance in setting up EV charging stations for commercial purposes. Here's how we can help:

Site Assessment: Our experienced team conducts a thorough site assessment to determine the optimal location for installing the charging station. Factors such as accessibility, power availability, and customer convenience are taken into account.

Design and Planning: We provide customized design and planning services tailored to your specific requirements and site conditions. This includes determining the number and type of charging points, layout design, and electrical infrastructure planning.

Equipment Supply: We offer a wide range of high-quality EV charging equipment, including AC chargers, DC fast chargers, and charging accessories, sourced from reputable manufacturers like ABB, ensuring reliability and performance.

Installation & Commissioning: Our skilled technicians handle the installation and commissioning of the charging station, adhering to industry standards and safety regulations. We ensure that the station is set up correctly and functions optimally upon completion.

Integration with Existing Infrastructure: We seamlessly integrate the charging station with your existing infrastructure, such as electrical grids and communication networks, to ensure compatibility and efficiency.

Training and Support: We provide comprehensive training for your staff on the operation and maintenance of the charging station. Additionally, our dedicated support team offers ongoing technical assistance and troubleshooting to address any issues that may arise.

Regulatory Compliance: We ensure that the charging station complies with all relevant regulatory requirements and standards, obtaining necessary permits and approvals as needed.

Customization Options: We offer customization options to meet your specific branding and operational needs, including branding on charging stations, payment solutions integration, and software customization.

Monitoring and Management: We provide solutions for remote monitoring and management of the charging station, allowing you to track usage, analyze data, and optimize performance.

With Global Cynax's expertise and support, you can confidently set up an EV charging station for commercial purposes, providing a convenient and sustainable charging solution for your customers and contributing to the growth of electric mobility.



Call us for your project inquiry
+8801999447777



www.globalcynax.com



gc@globalcynax.com