



Ev charging stations parking lots

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The Cable Retractor is another helpful solution, with its spring-loaded tether to ...

Upgrade your EV home charging station to a Level 2 system that is easy-to-use, ...

Offering EvoCharge charging stations with true OCPP, you have the option of which ...

On the fence about adding commercial EV charging stations to your parking lot or facility? Weighing the cost against potential benefits? It isn't a matter of *if*; the tide turns to electric, but *when*; the majority of vehicles on the road will be powered by electricity. This could be a reality within the next ten years. And each EV driver will be on the hunt for convenient and accessible charging stations.

Commercial entities such as stores and restaurants, office complexes, educational institutions, and even condo associations can capitalize on available real estate--the parking lot--to boost revenue or attract and retain customers.

Now that we've pointed out the benefits and how it's good for your business, let's start answering your top questions:

The type of EV charger selected will depend on the anticipated vehicle traffic and the dwell time or parking time. Location layout and infrastructure needs will also vary. For example, is it street parking, a dedicated lot, convenience store or a multi-level parking garage?

Even if the EV charging stations are not currently installed, get the infrastructure ready. Local, state, or federal regulations requiring EV readiness for new construction are either already enacted or in the works. For example, major cities such as Seattle, Atlanta and Chicago have a 20% EV readiness infrastructure requirement for new commercial buildings and multi-unit dwellings, with a minimum of 20% of parking spaces as EV charging-compatible. Other municipalities in North America, such as Denver and Vancouver, B.C., adopted a requirement for 100% of parking spaces in multi-unit dwellings to be EV-compatible.

If you're just entering the world of commercial EV charging stations, you'll need a primer in the different types of EV chargers.

Hint: Check locations near you for a feel of your local drivers' EV ownership rate. You can also survey your employees, tenants, or visitors on how many have EVs or are anticipating purchasing one. Apartments, Multi-family complexes or Condominiums -- Plan to use Level 1 or Level 2 commercial EV chargers, with one charger for every 10-20 parking spots.

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Hint: EV parking at your location has benefits and will attract more foot traffic. Read our white paper, Finding the Right EV Chargers for Your Convenience Store. Industrial Parks -- Manufacturing facilities, warehouses and other properties that experience truck traffic or many deliveries have two types of charging needs to consider. The first set of EV charging stations is for employees, which would follow the same rules for density and type as for an office complex, with Level 1 or Level 2 chargers suitable for vehicles with a longer dwell time.

However, trucks and delivery drivers's vehicles would require a Level 3 EV fast charger. A Level 3 fast charger could be utilized during or after loading or unloading for a fast charge before the next delivery stop.

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