

Electric Vehicle Charging for Corporate Workplace and Delivery Services

The growing adoption of Electric Vehicles is a driver for EV Charging. Most recent reports show EV purchases growing 59% year over year, with approximately 12,000 electric cars being sold across the country in January 2017 and accounting for approximately 1% of total US auto sales.

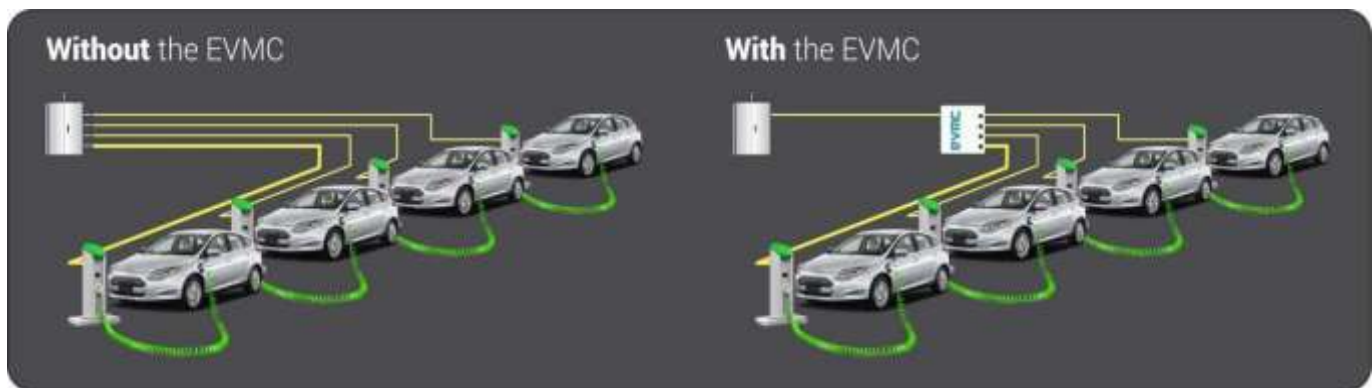
The problem is that providing the necessary electrical power to the charging stations can be very, very expensive. Not every location can get the needed power from the local utility without expensive and time-consuming upgrades of the client's electrical infrastructure.



Current charging solutions require a dedicated power line to each charging station. This requires that those dedicated lines be installed from an electrical panel all the way out to the parking area.

Cyber Switching's Electric Vehicle Master Controller (EVMC)

Cyber Switching has a much less expensive option to provide the maximum amount of charging stations for electric vehicles. Cyber Switching has developed a patented method to switch power to multiple charging stations in a "round-robin" scenario so that a single electrical line can feed multiple charging stations. This is made possible by our Electric Vehicle Master Controller (EVMC). The EVMC is installed between the electrical panel and the charging stations in the parking area, reducing the number of dedicated lines to 1/4th the "standard" approach. Power is incrementally rotated on a timed basis to each attached vehicle, and charged vehicles are skipped in the rotation.



What does all this mean to your client's? Quite simply, where four EVs sat at a four charging stations, your client can now charge sixteen EVs served by that same infrastructure.

EV Charging Package

- 4 – Cyber Switching EVMCs
- 4 – NEMA Enclosures (rated for outside use)
- 16 – Clipper Creek HCS-40 Level 2 Charging Stations



Cyber Switching EV Master Controller



NEMA Enclosure (Example)



Clipper Creek HCS-40 (wall mount)

Target Markets

This package is designed for clients with medium to large EV fleet charging needs, as well as large EV parking needs. Examples:

- Package Delivery Companies (e.g. Fed-Ex, DHL)
- Product Delivery Services (e.g. Frito-Lay) •
- Corporate Workplace EV Parking

