

## The CS-EVMC Series Electric Vehicle Master Controller

Cyber Switching Solutions is introducing a new solution called the EV Master Controller (EVMC). The EVMC brings substantial savings to the installation costs of these needed charging stations as well as to the monthly utility bill.

Designed to work with myriads of charging stations, the EVMC adds efficient power management and allows for cost-effective deployment of EV charging stations in all sorts of environments. Cyber Switching has changed the established conventional concept of dedicating a 'Single Power Source' to provide power to the other charging stations, resulting in a dramatic reduction in power infrastructure needed.

The savings realized by NOT having to bring in full infrastructure for multiple charging stations greatly decreases the time frame for the return on investment.

### Benefits of EVMC:

- Provides more charging stations while minimizing the installation cost of power facilities (by up to 50%).
- Significantly reduces the impact of EV charging on peak demand by up to 75% or more.
- Reduces "range anxiety" for employees and tenants, as they are assured a charge for their vehicles.
- Allows for charging flexibility with programmable rotation times and priority assignments.
- Increases employee productivity and reduce the stress and 'down time' due to having to move their vehicles to and from charging stations.
- Keeps EV fleets charged up effectively and efficiently, while keeping the utility billing at a minimum.
- Allows for greater use of grants and incentives for EV charging system projects

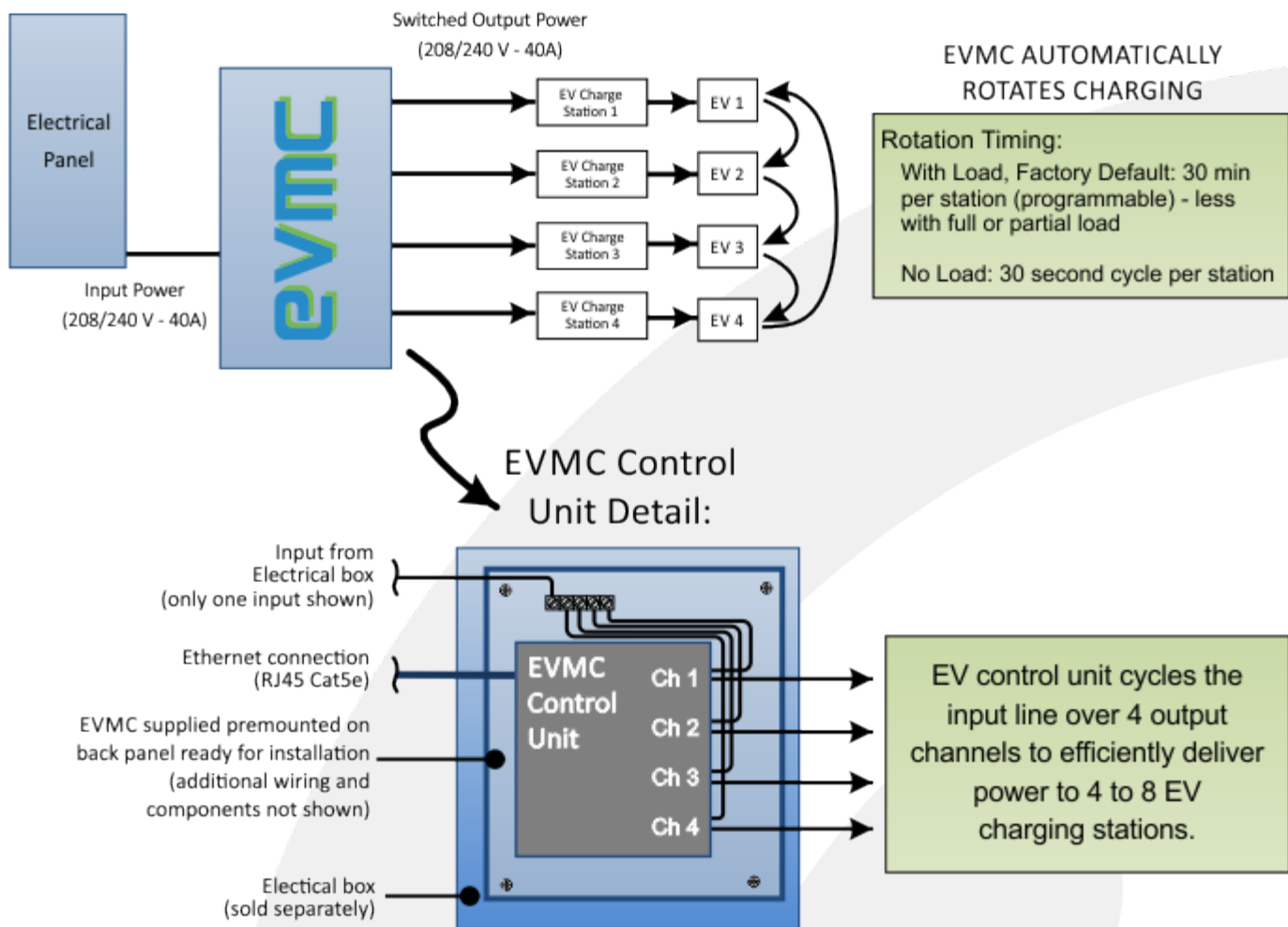


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- ▶ One circuit for multiple locations:
  - Power monitored at each location
  - Set charge time for each location
  - Shuts power off when utilities are charging a premium
  - Focus on maximum efficiency by always searching for a vehicle to charge
- ▶ Rotational charging:
  - Rotates the power from vehicle to vehicle on a programmable basis, allowing power to be shared with several vehicles
  - Polls the charge level of each vehicle and moves on to the next if a car is fully charged
- ▶ Infrastructure costs reduced:
  - Less need for individual circuits
  - Less pipe or conduit
  - Less wire or conductors
  - Fewer circuit breakers
  - Possible use of power from existing electrical panels
  - Saves energy by not having to produce construction material
  - Less greenhouse gases will be produced
  - Reduces Electricity Demand Charges

**Product Specifications**

FEATURE	TECHNICAL SPECIFICATION
UL File	PAZX.E206903
Certifications	UL916, Energy Management Equipment CAN/CSA 22.2 No. 205-12, Standard for Signal Equipment
Output Ratings	277 Vac, 30A /; 250 Vac 2 hp, motor load ; 40A/240 Vac
# of Stations	4 - 7.7kw to 9.6kw Level 2; 8 - 3.8kw Level 2



**Ordering Information**

Product No.	Product Description
CS-EVMC-7700-4	Electrical Vehicle Master Controller