

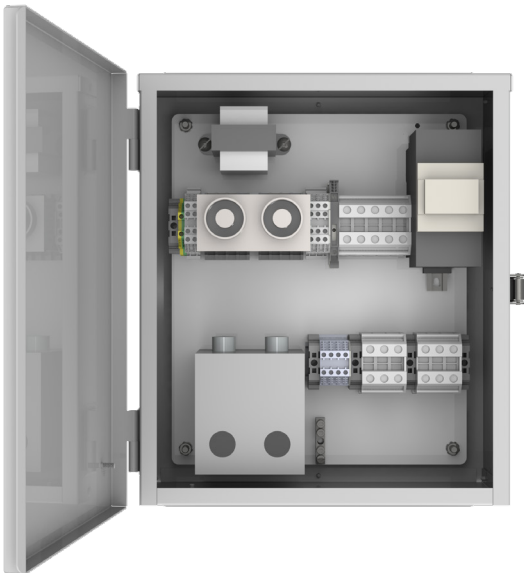


Advanced Technology. Simple Solutions.

# ENERGY MANAGEMENT CONTROLLER

## EMC

Electric vehicle supply equipment can draw a substantial load when in the charging mode. For existing buildings, the addition of EVSE can result in the total load exceeding the existing service capacity. To eliminate the need to upgrading the service an EMC can be installed to monitor the load and switch the EV charger when the full load exceeds 80% of main circuit. . The combination of Rule 8-500 and new Subrules 8-106(11) and (12) in the 2018 CEC allows the use of EMC to share the loads without affecting the existing panel loads.



### Features/Specifications

- Installs in line with EV charger circuit
- Located next to electrical panel
- Current transducers installed on service line
- Factory configured to match charge size with main panel
- Time delay circuit to reduce load cycling
- Galvanized steel construction
- Dimensions of 14”H x 12”W x 6”D
- CSA Type 3R rated
- Terminal blocks for EV load
- Powder coated PC101 Grey



Includes 2 wired current transducers

MAIN PANEL	ENERGY MANAGEMENT CONTROLLER CURRENT			
	30A	40A	50A	60A
60A	EMC30-60	-	-	-
70A	EMC30-70	-	-	-
100A	EMC30-100	EMC40-100	EMC50-100	-
125A	EMC30-125	EMC40-125	EMC50-125	EMC60-125
150A	EMC30-150	EMC40-150	EMC50-150	EMC60-150
200A	EMC30-200	EMC40-200	EMC50-200	EMC60-200

Rev 1.0