

Santa Monica EV Charging Requirements for New Construction

Multifamily Residential (3+ units)

Adopted Local Amendment to 2019 California Green Building Standards Code, Title 24, Part 11
Chapter 4.104.4 EV Charging: Residential Mandatory

- New categories of EV charging infrastructure:
 - EV Charger Installed – Electrical infrastructure and charger installed
 - EV Ready - Full-circuit EVSE (208/240V 40-amp with breaker); ready for the charger
 - Conduit Equipped - The parking space is served by raceway or conduit to support a future EV charger; no additional EVSE or panel capacity required

Required Components:	EV Charger Installed	EV Ready	Conduit Equipped
Multifamily	10%	20%	70%
EV charger	X		
Breaker	X	X	
Wiring	X	X	
Panel Capacity	X	X	
Receptacle	X	X	
Conduit	X	X	X

**Percentages refer to the percent of parking spaces affected.*

Notes:

- An Energy Management System (EMS) may be installed to reduce service loads and increase the number of EV Spaces that can be served.
- Where feasible, raceways, conduit, and receptables may be installed between adjacent EV spaces to serve multiple spaces.

