

# Broadstone Corsair



**Broadstone Corsair** is a resort-styled apartment complex located centrally in San Diego, just North of Mission Valley and about 8 miles from downtown. The building houses 360 rental units and has a six-floor parking garage. The facility includes many eco-friendly features and has received a LEED Gold Certification.

## CHARGING SNAPSHOT

No. of residential units: **360**

Number of parking spaces: **713 assigned resident spaces and 2 visitor spaces**

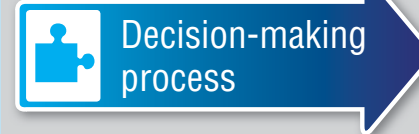
No. of residents currently driving PEVs: **approx 5**

Number of charging stations and types: **16 dual chargers (32 total charge points)**

## CHARGING STORY



Motivated by resident interest for plug-in electric vehicle (PEV) charging solutions, Alliance Residential property management began researching options. A key consideration for installing the chargers was keeping with a green corporate culture as well as acquiring LEED certification. They also hoped to find a solution that would best meet rising interest in vehicle charging by residents.



The property management chose ChargePoint stations because they wanted to assume minimal responsibility for customer metering and billing associated with the PEV charging stations and ChargePoint offered a consolidated solution for these services.

Property managers found that ChargePoint's system of dual charging units met the charging needs of more vehicles than could be served with individual chargers. This system was well suited to an apartment building setting where vehicles are parked for relatively long periods of time.



The 32 charging stations are scattered on opposite ends of the first four floors of the garage. PEV owners may plug in as needed or reserve the PEV stations for a nominal monthly fee. Each charger has a dedicated meter.

Two units are available to visitors if not being used by the residents. While the property management pays the overall utility bill, drivers pay on a "first come, first served" basis at the individual stations for each charging session. Alliance Residential chose to install more chargers than they initially needed to prepare for an expected increase in demand. Management refers residents to the ChargePoint website for charger use, orientation and support.



Alliance management secured grant funding to pay for the charger installations. They did not request the tenants to pay for the installations because the chargers are not deeded to them. The charger installations cost approximately \$115,000. Alliance received \$61,440 through a grant from the California Energy Commission and \$42,720 in matching funds from ChargePoint. Alliance management paid the remaining \$12,800. PEV owners currently pay \$0.25 per kilowatt-hour to charge at the stations.



Charger installation was fairly easy because the property is newly built. Electrical panels were scaled with the capacity needed for the PEV charging stations rather than requiring upgrades to existing infrastructure.

## Contact information

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“EV charging was one of the easiest aspects of opening our building, given the available website and the live support from ChargePoint available to our residents.”

**Dana Sohovich**, Alliance Residential Company