



ALEXAN MARMONT APARTMENTS

Project Highlights

- **Project Name:** Alexan Marmont Apartments
- **Project Type:** Residential Solar I Rooftop System
- **Project Location:** Monrovia, California, USA
- **Project Size:** 260.28 kW DC
- **Project Completion Date:** July 2024
- **PV Module Supplier:** Boviet Solar
- **Project Installer:** Cal Solar Inc.
- **Project Owner:** Alexan Marmont Apartments

Project Overview

The Alexan Marmont Apartments solar project is a 260.28 kW DC rooftop solar installation in Monrovia, California, developed and installed by Cal Solar and powered by Boviet Solar's top-performing PV modules. Fully grid-tied, the system delivers renewable electricity to the apartment community, reducing reliance on purchased utility power, stabilizing energy costs, and supporting long-term sustainability goals for residents and property management.

Economically, the system generates ~364,000 kWh annually, lowering electricity expenses for common areas such as HVAC, elevators, lighting, security systems, and EV charging infrastructure, while providing stable, inflation-resistant energy pricing. Socially, the project demonstrates sustainability leadership in the multifamily housing sector, supports local clean-energy jobs, and enhances the property's value and appeal to environmentally conscious residents. Environmentally, the project avoids roughly 110 metric tons of CO₂ emissions per year—the equivalent of removing about 24 cars from the road or planting 5,200 trees. It also saves around 44,000 gallons of water and displaces approximately 150 short tons of coal annually.

Economic Benefits

The system produces ~364,000 kWh of clean electricity annually, directly offsetting electricity demand from common-area HVAC, lighting, elevators, security systems, and EV charging stations. This generation reduces operating costs, improves property financial resilience, and insulates budgets from rising utility rates. With long equipment warranties and modest O&M requirements (periodic inspections, module cleaning, inverter checks), lifecycle costs are predictable and low. Solar adoption also increases property value and marketability, aligning with tenant demand for sustainable living.

Social Benefits

The Alexan Marmont Apartments solar project demonstrates sustainability leadership in the residential multifamily housing sector while supporting clean-energy jobs through construction and service. The system enhances the building's appeal to eco-conscious residents, reinforcing the property's branding as a modern, sustainable community. By integrating renewable energy with visible infrastructure such as EV charging, the project promotes sustainable lifestyle choices among residents and sets an example for other multifamily developments in California.

Environmental Benefits (Estimated)

By generating approximately 364,000 kWh annually, the Alexan Marmont Apartments system avoids about 110 metric tons of CO₂ each year—equivalent to removing roughly 24 gasoline-powered cars from the road or planting around 5,200 trees. The project also saves approximately 44,000 gallons of water that would otherwise be used in fossil-fuel electricity production and displaces about 150 short tons of coal annually. With zero operational emissions and on-site generation that reduces transmission losses, the system helps improve local air quality, lower the property's carbon footprint, and advance California's long-term clean-energy and climate goals.

BOVIET SOLAR

Boviet Solar, an Inox Solar Americas company, is a solar energy technology and manufacturing company focused on delivering high-performance photovoltaic (PV) modules for the U.S. market. Its portfolio includes Gamma Series™ monofacial and Vega Series™ bifacial PV modules, designed for utility-scale, community solar, commercial, and industrial (C&I), and residential applications, with a focus on reliability, efficiency, and long-term performance.

The company operates a state-of-the-art manufacturing facility in Greenville, North Carolina, with approximately 3.0 GW of annual production capacity. This U.S.-based production supports localized supply, efficient logistics, and alignment with project timelines and market requirements.

As part of Inox Solar Americas, Boviet Solar benefits from enhanced financial backing and integration within a broader renewable energy platform under Inox Clean Energy and the INOXGFL Group. This strengthens its ability to support compliant, financeable, and scalable solar projects while maintaining consistent execution and product performance.

Boviet Solar works closely with developers, EPCs, and asset owners to deliver projects on time and support long-term performance. The company remains committed to advancing clean energy by providing dependable solutions that enable customers to build and operate projects with confidence.

To learn more, please visit www.bovietsolar.com, www.inoxclean.com, www.inoxgfl.com