



## 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 CO<sub>2</sub> 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 CO<sub>2</sub> 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.

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## BOVIET SOLAR

Boviet Solar Technology Co., Ltd. is a leading solar technology company founded in 2013 in Vietnam, specializing in the manufacturing of high-performance monocrystalline PV cells and premium Gamma Series™ monofacial and Vega Series™ bifacial PV modules. Our top-performing modules are engineered for a wide range of applications, including residential, commercial, industrial, community, and utility-scale solar projects.

Boviet Solar combines business acumen, financial strength, technological expertise, and manufacturing excellence to deliver reliable, high-efficiency solar solutions to industry clients worldwide. The company is deeply committed to sustainability, supply chain traceability, and compliance with international trade standards, while fostering long-term, trust-based partnerships across the global energy sector. Boviet Solar has earned industry-wide recognition for quality and reliability. The company has maintained a Tier 1 PV Module Manufacturer ranking by Bloomberg New Energy Finance (BNEF) since 2017, has been recognized as one of the Top 10 Most Bankable Global PV Module Manufacturers by Wood Mackenzie, and is ranked among the Top 10 Most Financially Reliable PV Module Manufacturers by Sinovoltaics. Boviet Solar's modules have also been consistently rated as Top Performers in Kiwa PVEL's PV Module Reliability Scorecard since 2019.

Headquartered in Vietnam, Boviet Solar operates manufacturing facilities in both Vietnam and the United States, with an annual production capacity of 3.0 GW for PV cells and modules. The company also maintains regional operations in the United States, Germany, and other key international markets. To learn more, visit [www.bovietsolar.com](http://www.bovietsolar.com).