SUNRUN

Luxury Solar Energy + Tesla Powerwall 3 System

System Overview

This property features a professionally installed 7.48 kW DC rooftop solar system paired with two Tesla Powerwall 3 battery units. Designed for maximum efficiency, resilience, and long-term financial value, this system enhances both lifestyle comfort and real estate appeal.

Installed System Specifications

Solar System Size	7.48 kW DC
Number of Panels	17 High-Efficiency Photovoltaic Modules
Inverter	1 Integrated Solar Inverter
Battery Units	2 Tesla Powerwall 3
Total Storage Capacity	27 kWh (13.5 kWh each)
Continuous Power Output	Up to 23 kW Combined
Peak Output Capability	Supports heavy-load appliances
Battery Chemistry	Lithium Iron Phosphate (LFP)
Monitoring	Tesla App – Real-Time Monitoring & Control
Warranty Coverage	10-Year Manufacturer Warranty

Energy Production & Storage Highlights

- Daytime solar production powers the home directly
- Excess energy stored for nighttime use
- Battery backup activates automatically during outages
- Supports essential loads or near whole-home backup
- Optimized for time-of-use utility rate savings

Financial & Lifestyle Benefits

- Reduced monthly electricity costs
- Protection against rising utility rates
- Increased energy independence from the grid
- Reliable backup power during outages
- Quiet, fuel-free alternative to generators
- Lower carbon footprint
- Premium upgrade attractive to modern buyers
- Enhanced home marketability and resale appeal

Tesla Powerwall 3 Technical Details

• 13.5 kWh usable capacity per unit
• Integrated solar inverter architecture
• High power density for large appliance loads
• LFP chemistry for improved safety and longevity
• Weather-resistant outdoor installation rating
• Automatic seamless backup transition
• Scalable design for future expansion

Why This System Adds Real Estate Value

Homes equipped with solar and battery storage systems are increasingly sought after in California’s evolving energy market. A 7.48 kW solar array paired with 27 kWh of battery storage provides long-term cost predictability, grid protection, and future-forward sustainability. Buyers gain immediate energy advantages without installation delays, making this property a turnkey clean-energy investment.

Clean Energy. Backup Protection. Increased Property Value.