

SUN VALLEY SOLAR SOLUTIONS

PLATINUM INSTALLATIONS

More than 8,500 residential systems across Arizona and counting.

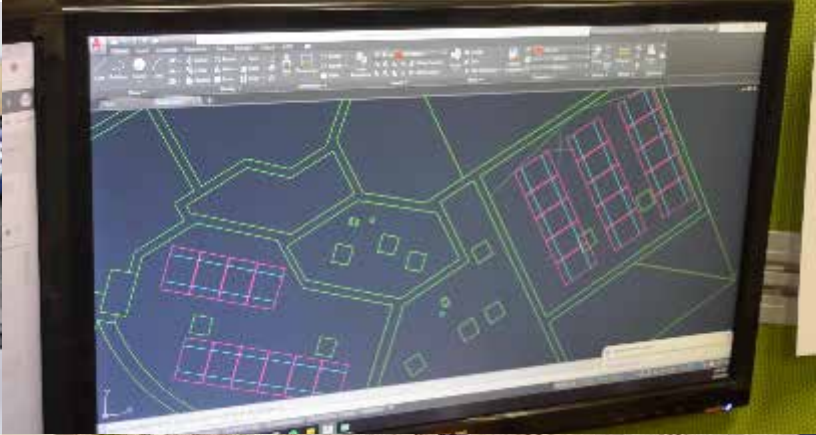
HONED THROUGH EXPERIENCE. FORGED IN PLATINUM.

We have been leading Arizona's transition to renewable energy since 2006. In that time, we have helped more than 8,500 Arizona homeowners go solar, as well as A-list commercial clients such as Target, PepsiCo, and SubZero, to name just a few.

Through an unwavering commitment to quality and innovation, we have earned the trust of these uncompromising corporate giants and refined a proven installation methodology that ensures maximum performance, longevity and safety.

Our Platinum Installation methodology incorporates six critical areas of focus. These are the Sun Valley Solar Platinum Install promises.

1. Whether Sales, Design, Installation, or Service, we never outsource our work.
2. We make ample use of conduit suitable for Arizona's extreme climate.
3. Junction boxes and wire termination are executed for maximum safety and durability.
4. We go the extra mile for roof integrity.
5. We care about aesthetics, just like you.
6. We bring solar's top certifications to every project.



1.

WE DON'T OUTSOURCE OUR WORK



In-House Sales, Design, Installation, and Service

Any residential solar project that bears the Sun Valley Solar Solutions brand will be completed entirely by us. Beginning with the sale, all of our Solar Integrators are full-time employees. The same is true of our designers, installers, and service team members. Controlling every aspect of the solar journey — from beginning to long after the sale — is essential to delivering top-quality customer service and the longest-lasting, highest-performing PV systems in the industry.



Sun Valley Solar Solutions' Chandler headquarters offers warehouse and fleet storage, as well as more than 9,000-square-feet of office and showroom space.



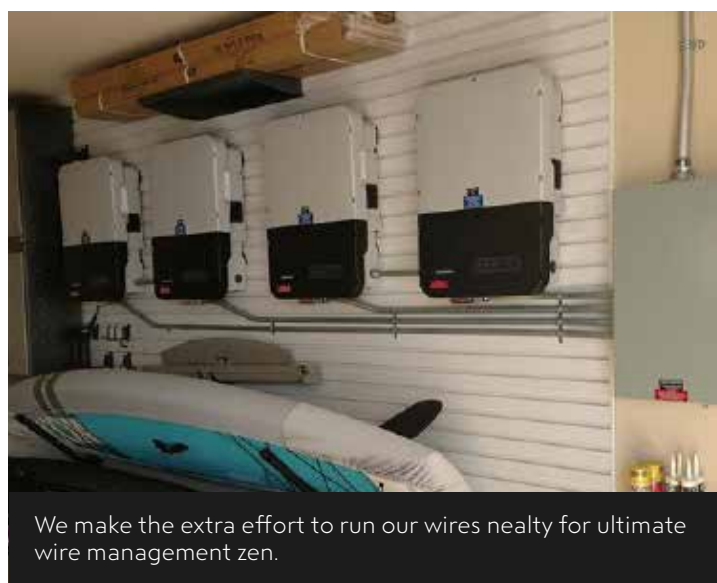
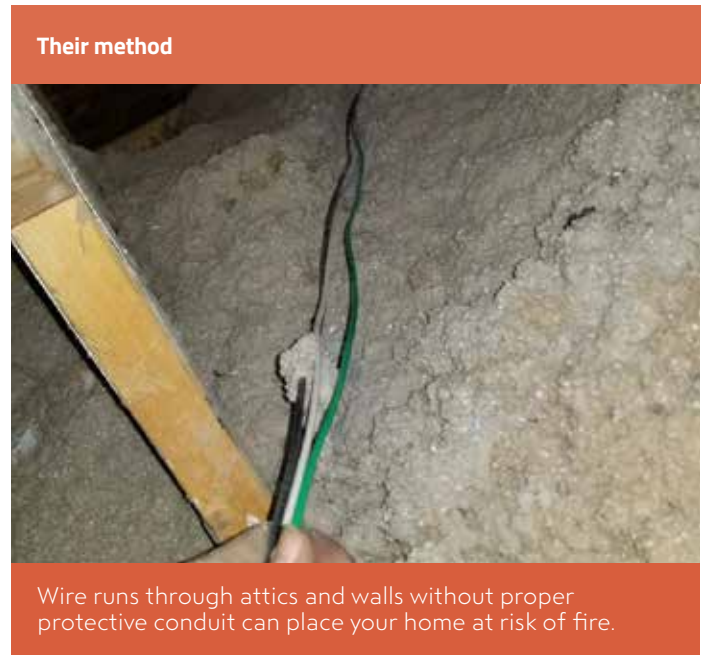
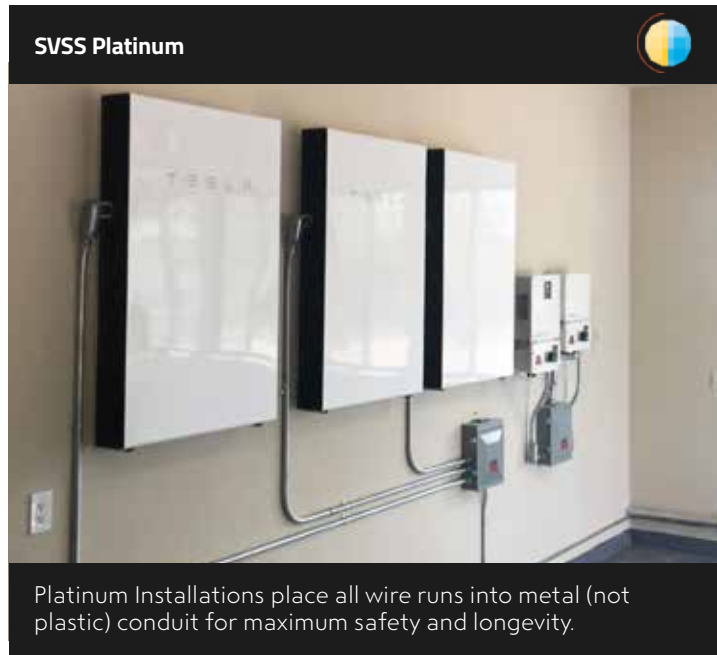
Our 15,000-square-foot warehouse with five-bay shipping/receiving dock, and more than an acre of fenced yard for our rapidly-expanding 32-vehicle fleet.



Metal Conduit Ensures Maximum Wire Life

Wires that run through attics, walls, and into the outdoor elements without the proper protective conduit will wear prematurely, adversely impacting system performance and placing your home at risk of fire. Even PVC conduit will become brittle in just a few years in the extreme Arizona heat.

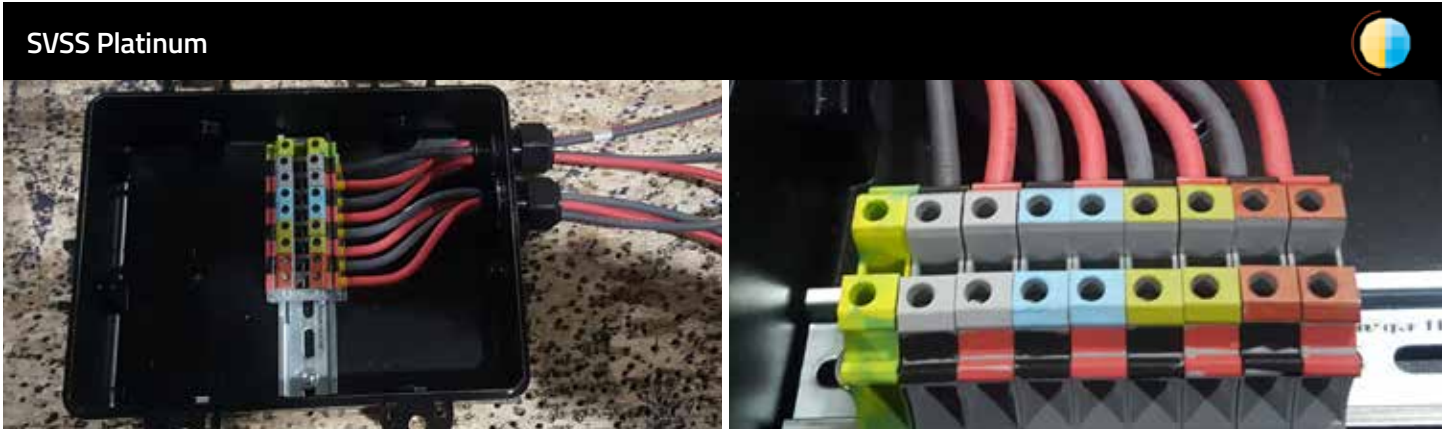
Sun Valley Solar Solutions' Platinum Installations ensure that all wire runs are properly contained in metal conduit for maximum safety and longevity. We even take the extra step to paint conduit to match the exterior or interior walls.





The Safest and Most Durable Junction Boxes

Junction boxes are critical live voltage connection points where a lot can go wrong if not assembled properly. The junction boxes from Sun Valley Solar Solutions include a terminal block to improve durability and serviceability. Wires are tightly bundled to reduce wear.

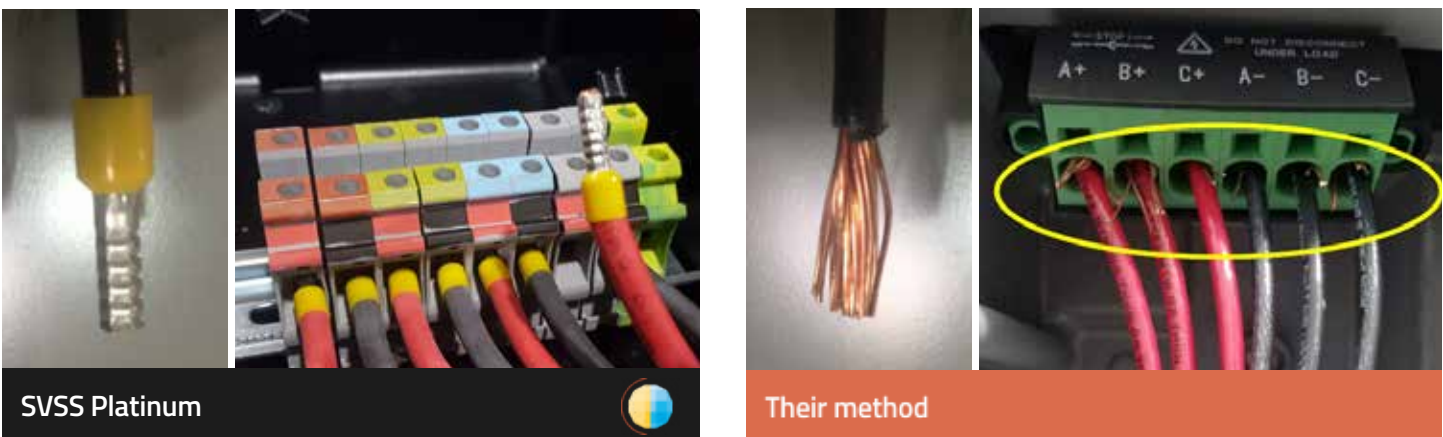


Their method



Lasting and Safe Wire Termination

Sun Valley Solar Solutions uses metal ferrules to terminate each wire end. Poorly terminated wire ends will fray or loosen over time and with exposure to extreme temperatures. Frayed ends can easily impede solar production or even short out and present a fire hazard.

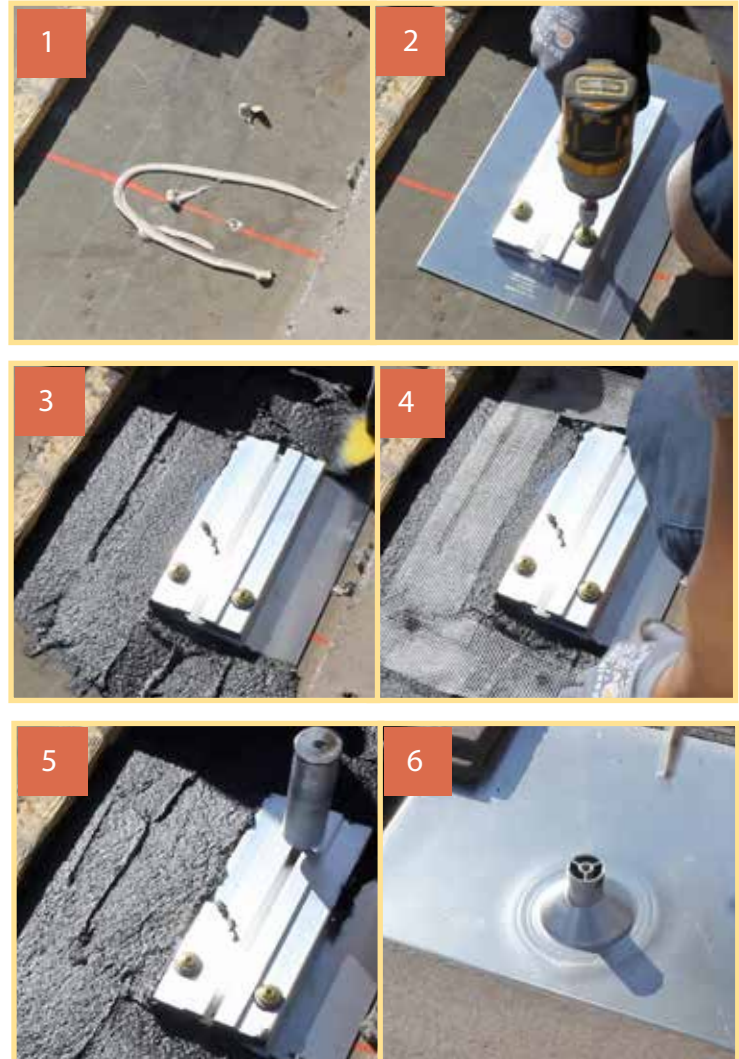




3-Course Plus Penetration Sealing Ensures Maximum Roof Integrity

The industry's best solar installers and roofers rely on a proven sealing procedure known as the 3-Course method. Sun Valley Solar Solutions takes this process one step further by applying an additional layer of sealant under the baseplate. Think of this as the 3-Course Plus procedure, and we back our approach with a 10-Year Workmanship Warranty!

1. Sealant is applied under the base plate for additional weather protection.
2. Base plate is secured directly to the roof and underlying truss.
3. First layer of elastomeric is applied on and around base plate.
4. Mesh is embedded to prevent cracking and premature wear while adding additional weather resistance.
5. Barrel is slid into the base plate channel and tile is replaced next to the stand-off.
6. Top flashing is installed over the barrel. The barrel is tightened and locked into place.



Flat Roof Sealing Process Using FLASHLOC Technology

We utilize FLASHLOC mounts for installations on flat composition and rolled comp roofs. With this mount, the roof is preserved and protects the penetration with a permanent pressure seal.



ROOF ATTACHMENT

This all-in-one high-strength waterproof attachment goes down without cutting, lifting, or pulling nails from existing roof materials.



With the (1) outer shield, (2) contour-conforming gasket, and (3) pressurized sealant chamber, the Triple Seal technology delivers a 100% waterproof connection.



PRESSURE SEALED

Ultra-secure leg bolts provide maximum strength while the sealant injection port creates a permanent pressure seal at the penetration site.



FINAL SEALANT

Once secured, the FLASHLOC mount is sealed with Polyflash IC, creating an additional watertight seal.



Foam Roof Sealing Process for Maximum Weatherization

Sun Valley Solar Solutions utilizes a durable roof penetration process for foam roofs. Our approach employs two layers of water-resistance and water proofing materials for maximum weatherization, **and we back our approach with a 10-Year Workmanship Warranty!**

1. Polyurethane sealant is applied under the base plate as a first layer of weather protection.
2. Base plate is secured directly to the roof trusses.
3. Posts are installed into the base plates.
4. Polyslope leveling mixture is poured into the opening to fill the void.
5. Polyslope mixture is allowed to cure.
6. Cured mixture is sealed with Polyflash 1C, creating a watertight seal.

THEIR METHOD

Our competition isn't so careful, often grabbing whatever "quick fix" will get the job done right now. The photo on the left is a metal roof flashing used on a tile roof. In the middle, mortar has been used rather than flashing to seal a penetration site, and the far right, a makeshift standoff that will surely leak.





5.

WE CARE ABOUT AESTHETICS, JUST LIKE YOU



All-Black Panel and Racking Options

Your PV system can look as good as it performs. Today, not all panels look the same. All-black panel and racking options from SunPower or SilFab offer a sleek, glass-like alternative to more traditional panels.



Invisible Tile Replacement Systems

The ultra-secure and virtually invisible tile replacement mounting system from Quick Mount PV ensures the integrity of your roof while blending seamlessly with surrounding tiles. The Quick Mount base plate serves as a bottom flashing and standoff mount, which is mounted using our modified 3-Course Plus method (see #4). The metal Quick Mount tile replacement matches the physical profile of existing roof tiles and is painted to match the roof color during installation. Excess tiles are returned to the homeowner to keep on hand for future repairs.

Inside the orange circles are tile replacements.



Tile replacement painted to match the roof.

Painted Conduit Options

We give our customers the option to paint the conduit to match the surrounding surface. The result is a clean installation with no aesthetic compromises.





6.

WE BRING SOLAR'S TOP CERTIFICATIONS AND EXPERIENCE TO EVERY PROJECT



QUALIFICATIONS

- NABCEP Certified
- RISE CSRP Certified Solar Roofing Professional
- Certified Envelope Professional, Building Performance Institute
- CHST Certified
- SRP Preferred Solar Installer
- SunPower Authorized Dealer
- Tesla Powerwall Certified Installer
- Arizona ROC 270331
- Nevada 0082022



CRAFTSMANSHIP

- Founded in 2006 by two former Intel engineers
- Full in-house operation - sales, design, installation, and service
- 10-year workmanship warranty
- 10-year roof penetration warranty
- More than 8,500 residential solar installations and counting
- Trusted solar partner for PepsiCo, Sub-Zero Group, Target, TJMaxx, and many more



EXCELLENCE


- Six-time Angie's List Super Service Award Winner
- Accredited and A+ rating with the Better Business Bureau
- Rosie on the House Certified Partner
- Five-star customer satisfaction at SolarReviews.com
- #1 Residential Solar Installer, Ranking Arizona
- 4.6 Customer Rating on Google





Solar System Comparison Tool

We encourage our customers to do their research and explore numerous options, but please be sure to ask the right questions.

Solar Company			
PV System Details			
System Size (DC)			
Module Brand / Qty.			
Inverter Brand			
Demand Manager			
Battery			
Tile Replacement Mounting System	Yes		
Year-1 Energy Production			
20-Year Cumulative Energy Production			
Net Investment After Tax Credits & Incentives			
Warranties			
Module Product Warranty			
Inverter Warranty			
Solar Installer Workmanship Warranty	10 Years		
Solar Installer Penetration Warranty	10 Years		
24 Months of Included Diagnostic & Trip Charges	Yes		
Solar Installation Company			
Arizona Based?	Yes		
Year of Experience Installing in AZ	14		
No. of AZ Residential Systems Installed	8,000+		
No. of AZ Commercial PV Systems Installed	80		
Breadth of In-House Services (Sales, Design, Installaton, Service)	All		
NABCEP Certified? (North American Board of Certified Energy Practitioners)	Yes		
RISE CSRP Certified? (Roof Integrated Solar Energy, Certified Solar Roofing Prof.)	Yes		
BPI Certified Envelope Professional? (Building Performance Institute)	Yes		
Number / Percent satisfaction score on Solar Reviews www.solarreviews.com	93 / 95%		

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