

INTEGRARACK®

2024 Product Brochure



Revolutionary
SOLAR RACKING SYSTEMS



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www.integrarack.com

IntegraRack Revolutionary Solar Racking Systems

INTEGRARACK OFFERS A FULL LINE OF REVOLUTIONARY PRODUCTS, DESIGNED TO MAKE SOLAR INSTALLATION FASTER, EASIER, AND MORE COST EFFECTIVE THAN EVER. ALL OF OUR PRODUCTS ARE MANUFACTURED OUT OF OUR FACILITIES IN LAS VEGAS, NEVADA AND UTAH AND ARE RIGOROUSLY TESTED FOR USE IN ALL 50 STATES BY PHOENIX NATIONAL LABORATORIES.

WHAT MAKES INTEGRARACK UNIQUE?



UP TO 75% FASTER INSTALLATION TIMES

WITH TILE ROOF BRACKETS THAT CAN BE INSTALLED IN 2 MINUTES OR LESS AND TPO BRACKETS THAT CAN BE INSTALLED IN 1 MINUTE, INTEGRARACK PRODUCTS ARE DESIGNED AND ENGINEERED TO SPEED UP INSTALL TIMES WITHOUT COMPROMISING THE ROOFS SEAL.



SUPER SEALING TECHNOLOGY

ALL OF OUR DECK AND RAFTER MOUNTED BRACKETS UTILIZE OUR SUPER SEALING TECHNOLOGY WITH HYDRO SEALING MASTIC RUBBER APPLIED TO THE MOUNTING SURFACE AND EPDM WASHERS WITH THE INCLUDED SELF PIERCING SCREWS. EVEN MULTIPLE LAYERS OF ASPHALT CAN BE SEALED TIGHT.



STRONG HIGH QUALITY MATERIALS

EVERY SYSTEM IS BUILT FROM HIGH STRENGTH METALS AND SURFACE TREATED TO PROVIDE THE HIGHEST LEVEL OF CORROSION RESISTANCE.



SIMPLE, VERSATILE DESIGNS

MAKING USE OF BONDED METALS, INCORPORATED MICRO-INVERTER MOUNTS, AND RAIL-LESS SYSTEMS, WE'VE CUT THE USE OF REDUNDANT RACKING MATERIALS REQUIRED FOR SOLAR INSTALLATION.

IR-05 Flat Roof Ballast System

Lightning Fast Assembly & Install

The IntegraRack IR-05 is one of the fastest, strongest, and most cost effective ballast systems on the market. Each base system can be assembled in less than 30 seconds, and modules can be mounted in under a minute, for a total install time of 5 minutes per module!

Strong, Simple Design

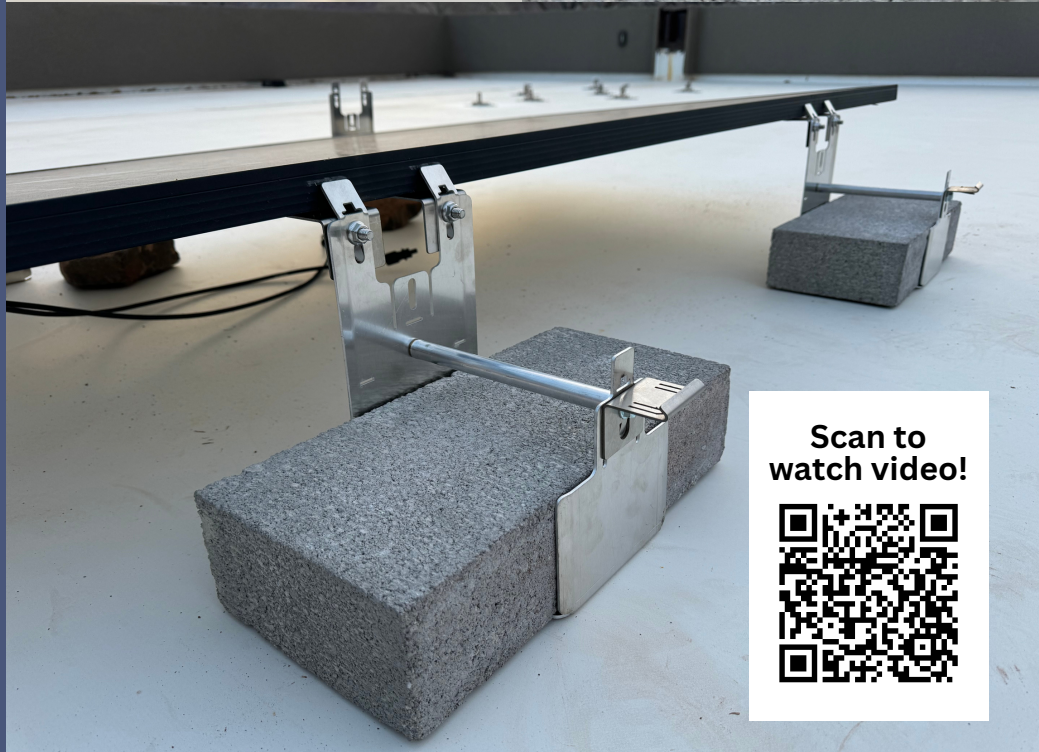
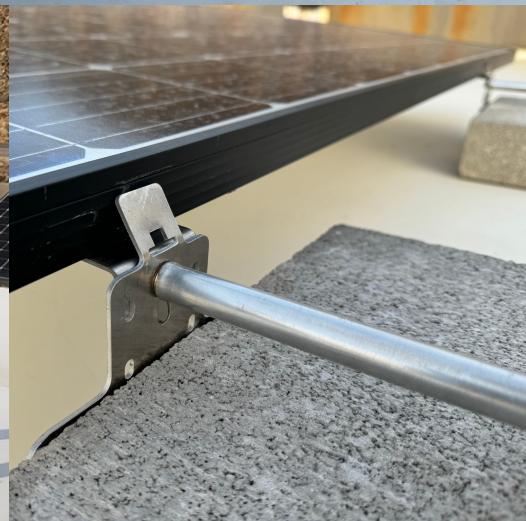
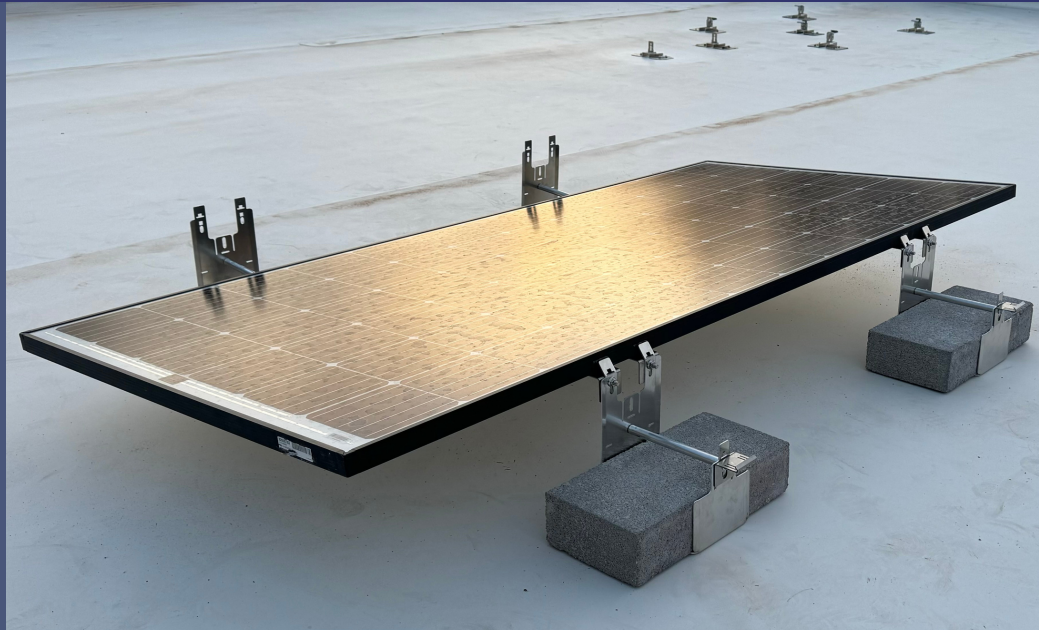
The IR-05 is designed to clamp around a standard cinder block and the integrated handle allows one person to carry and place multiple base systems with weight, without the fatigue caused by other ballasted basket type systems. This system is capable of racking up to 700 Watt solar modules and each bracket is equipped with a micro-inverter/solar optimizer mounting point.

Easy Module Mounting

The IntegraRack Ballast Systems take advantage of our own IR-F1 Rail-Less Module Flange Clamp Bonding Brackets. The IR-F1 uses stainless steel spring barbs that dig into the module flange to keep it from sliding while also bonding modules together. Three of these can be mounted to the IR-05 Bracket, one of which will be bolted in with the tube handle itself. Two IR-05 Brackets and six IR-F1 Brackets will be needed per module in your system after the starter row.

Quick Fold Bend Tabs

The Bend Tab Clamps incorporated into the top of our brackets are designed to be used with our revolutionary rail-less module clamping system (IR-F1). When quickly folded over with a flathead screwdriver, it clamps the solar module frame directly to the IR-F1 Rail-Less Module Flange Clamp Bonding Bracket, bonding it and locking the solar module firmly in place.



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watch video!



IR-T1 No Penetration Tile Roof Bracket

Lightning Fast Install

The revolutionary IntegraRack IR-T1 No Penetration Tile Roof Bracket is the first of its kind, and is engineered for 100% non-invasive installation. This bracket can be installed in less than 2 minutes, cutting module install times by as much as 75%.

No Tile Removal, No Roof Penetration

With no need to remove or modify tiles or penetrate the roof at all, the IR-T1 adds to the structural integrity of the roof. Our simple clamping and quick adhesion process works to lock the IR-T1 bracket to multiple tile rows at once, meaning that each bracket utilizes the weight and integrity of a large section of roof tiles per bracket mounted.

Easy Module Mounting

Most standard L-Foot brackets can be mounted onto the IR-T1 for rail type system installs, or for best fitment, you can use our own IR-L1 Universal L-Foot Bracket. The open slot on top of the IR-T1 allows you to easily slide the L-Foot indefinitely along the entire distance of each tile row that the brackets are installed for full rail-less solar module mounting capabilities.

Rail-Less

The IR-T1 works with most all rail based systems, or with our own IR-F1 Rail-Less Module Flange Clamp Bonding Bracket, which allows you to quickly snap your modules into place in seconds while bonding them together for lightning fast module install times.

One of a Kind

This product is entirely unique and is revolutionizing the solar industry. This bracket allows you to save money with less materials and save time with its fast and easy installation.



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IR-D1 Multi-Surface Deck Mounted Bracket

Multi-Surface Design

The IntegraRack IR-D1 Multiple Surface Bracket fits on most all metal and asphalt roofs, and can be deck mounted anywhere on the roof without the need to find rafters or joists. Its hat shaped structure allows it to be mounted over most standard corrugations on metal roofs.

Super Sealing Technology

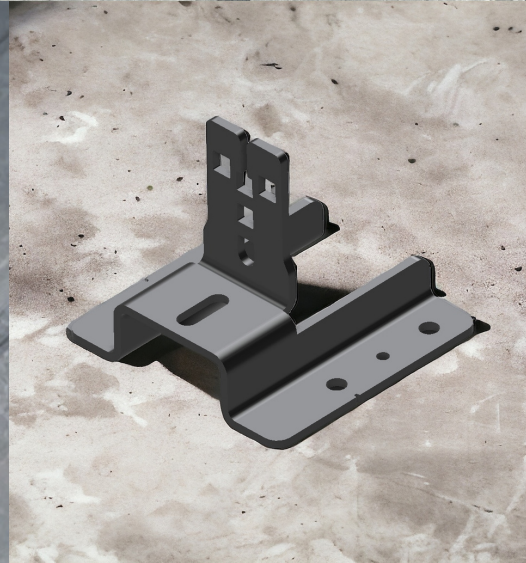
This bracket comes standard with four black anodized self piecing deck bolts and EPDM sealing washers, and our special Hydro-Forming Mastic Rubber™ will expand down into the the threads of the deck bolts and up through the two visual inspection holes when the proper amount of bolt pressure is applied to ensure a 100% infusion seal with the roof surface.

Rail-Less

This bracket works with most all rail based systems, or with our IR-F1 Rail-Less Module Flange Clamp Bonding Bracket, which allows you to quickly snap your modules into place in seconds while bonding them together for lightning fast module install times.

Quick Fold Bend Tabs

The Bend Tab Clamps incorporated into the top of our brackets are designed to be used with our revolutionary rail-less module clamping system, but they can also be used with most all rail based systems as well. When quickly folded over with a flathead screwdriver, it clamps the solar module frame directly to the IR-F1 Rail-Less Module Flange Clamp Bonding Bracket, bonding it and locking the solar module firmly in place. For mid-row brackets, you can bend each tab in a different direction, and for end modules the tabs can both be bent the same direction for added clamping tension.



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IR-D2 Super Sealing Wide Foot TPO Mounted Bracket

Lightning Fast Installation

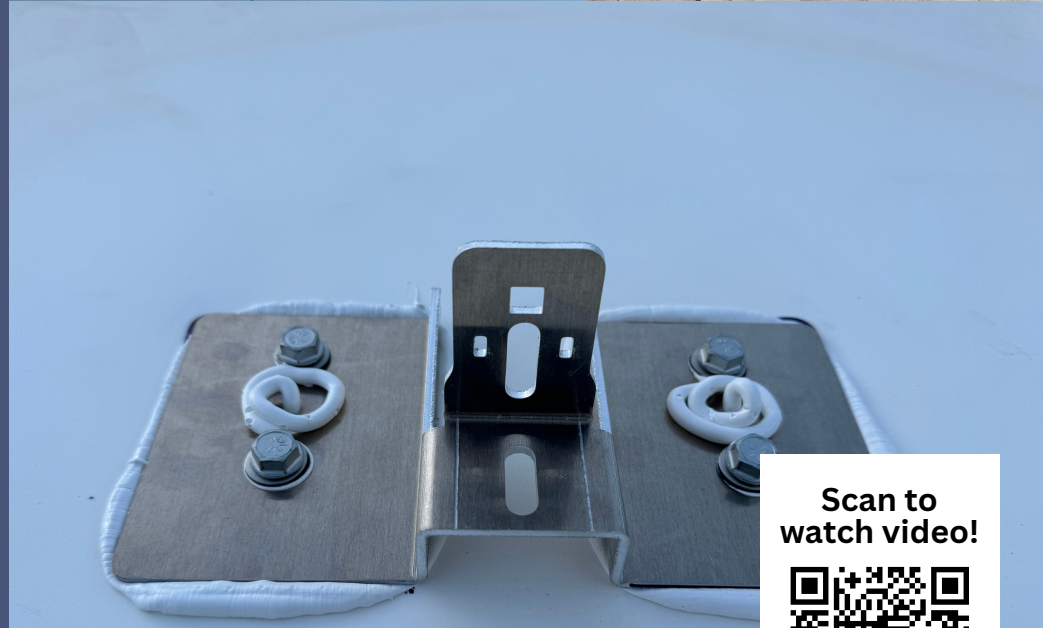
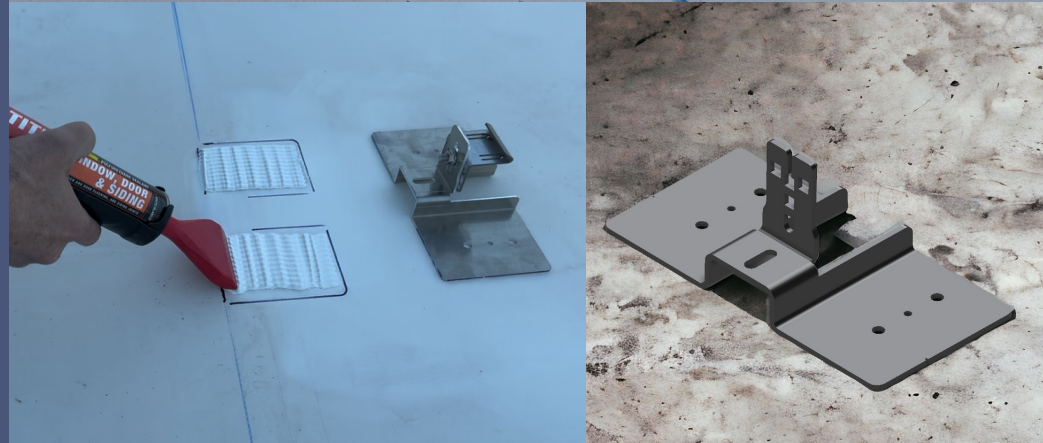
The IntegraRack IR-D2 Super Sealing Wide Foot TPO Mounted Bracket is the fastest and easiest solution on the market and can be installed in less than 1 minute! This bracket can be mounted using nothing but a fast setting polyurethane sealant to hold it down for up to 200 pounds of uplift per bracket, but it can also be bolted to the roof for added strength. The IR-D2 allows for flat, low profile mounting of solar modules on TPO roofs, and incorporates micro-inverter/solar optimizer mounting points on each bracket.

Rail-Less

This bracket works with most all rail based systems or with our IR-F1 Rail-Less Module Flange Clamp Bonding Brackets, which allows you to quickly snap your modules into place in seconds while bonding them together at the same time, for lightning fast module install times.

Quick Fold Bend Tabs

The Bend Tab Clamps incorporated into the top of our brackets are designed to be used with our revolutionary rail-less module clamping system, but they can also be used with most all rail based systems as well. When quickly folded over with a flathead screwdriver, it clamps the solar module frame directly to the IR-F1 Rail-Less Module Flange Clamp Bonding Bracket, bonding it and locking the solar module firmly in place. For mid-row brackets, you can bend each tab in a different direction, and for end modules the tabs can both be bent the same direction for added clamping tension.



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IR-G3 / IR-G4 GROUND MOUNT SYSTEMS

Lightning Fast Assembly & Install

Our Ground Mount Systems can be fully assembled in as little as 30 minutes with two cast in place poles or a counterweight frame that can be used with earth augers, a water tote tank, or a concrete block weight.

Endless Adjustability

Using our Adjustable Sun Angle System, your array can be set anywhere from 0 to 60 degrees in either direction and quickly locked into place with the optional locking clamp handle. This easy system allows you to change the angle based on the seasonal position of the sun to maximize power output.

High-Strength Materials

Built from high-strength galvanized steel and aircraft grade aluminum, our ground mount systems are built to handle up to four 700 Watt solar modules.

Modular Design

The array utilizes fully bonded under mount clamps for fast and easy module installation from below. Our Ground Mount Arrays can be mounted to a base configuration best suited for the soil type at installation site.



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Multiple US Patents Pending. For more information you can visit our website or contact us directly.

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