

Espay Solar Energy S.L.

Integrated rail-free photovoltaic support



Overview

Introducing the most innovative, waterproof mounting systems ever developed for solar photovoltaic systems. 100% code-compliant, offering fast, simple installation and huge savings on shipping costs due to their compact, rail-less design. To help you understand how these technologies work and compare, this guide explores every detail of rail and rail-free mounting systems for rooftop solar panel. The innovative RockIt system conforms to UL 2703 (UL 2703A when used with RockIt Smart Slide) and UL 3741, and is the solar industry's premier rail-less PV racking system for use on a variety of roof types including composition shingle, standing seam metal pitched rooftops, and low slope roofs. Understanding the differences between these systems can help you tailor your solution to the project's unique conditions—from the roof type and local climate to labor preferences and installation. Using the PVKIT can save you up to 50% in: Hardgoods - For example, a 50kW system requires about 150 lbs. Shipping - 85% lighter weight than rail mounting. Material transportation to the. The rail vs. rail-less debate doesn't have a one-size-fits-all answer.

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Railed vs Rail-less Solar Mounting: Choosing the Right Racking ...

Rail-less Systems: By eliminating long rails, you achieve a cleaner, more integrated look. Many rail-less solutions include top-down clamps, skirts, or frame-level wire management that blend ...

Railless Solar Racking: Complete 2025 Guide To Rail-Free Mounting

Railless solar racking is a mounting system that eliminates the need for traditional aluminum rails by utilizing the solar module frames themselves as the primary structural element.



Rail vs Rail-Free Solar Mounting Systems o SunModo

Sometimes known as rack-less or rail-less technologies, rail-free solar mounting systems do not utilize a rack to support multiple PV panels at once. Instead, rail-free systems are designed ...



PVKIT® Rail-Less System

PVKIT® Rail-Less System: a lightweight, cost-saving solution for metal roofs to cut install time in half. Pair with S-5! clamps & brackets.



Rail-mounted Solar Systems vs. Rail-less Solar Systems

Rail less system is a low-profile mounting method where panels are installed on rooftops directly. This system needs multiple attachment points to connect the solar panels individually. Rails add ...

Rail-Less Solar Panel Racking

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Rail vs Rail-less Solar Mounting Systems Which Is Right for You?

In this blog post, we'll compare rail-based and rail-less solar mounting systems, examining their pros and cons to help you determine which system is

best suited for your needs.



Rail vs. Rail-less Racking System

Explore solar mounting: rail vs. rail-less racking system pros, cons, and factors. Ensure a strong, informed solar investment.



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