



## Composite and Tile Rail-Free Mounting Systems

### The New Standard in Rail-Free Solar Mounting Systems

Pegasus Solar's LightSpeed Composite and Tile Rail-Free Mounting Systems offer significant total installed cost savings over traditional rail-based mounting systems. LightSpeed Mount is field proven to be 50% faster, even on complex multi-array jobs.

Pegasus Solar's patent pending design has the lowest parts count in the industry and installs with a single tool. Mounting assemblies use a fast threaded connection for easy array leveling. The system delivers superior waterproofing by minimizing roof top penetrations and eliminating sealing washers. It offers outstanding aesthetics with a sleek, low profile design that can be further enhanced using optional skirts.

Our all-in-one kit packaging, an industry first, provides all the necessary components required for installation in a single box. The system's light weight, high density packaging and low SKUs provides additional convenience and savings for contractors and distributors.

In just a few installations with LightSpeed Mount your team will be up to speed. You get more installation capacity and profit for your company, and your customers get a better product.





## LightSpeed Mount

LightSpeed Mount has just three main components - Flashings, Mounts and factory installed Corner Hinges. Using a single lag screw, Mounts attach to rafters at up to 6 foot spacing. Mounts cover and seal the one piece Flashing and feature a fast and easy threaded leveling system. The patent pending Corner Hinges use a single bolt to make a strong and secure module-to-module connection, create an electrical bond and align the modules. Arrays can be installed in portrait, landscape or mixed and easily adjust for rooftop obstructions. The system is certified to UL STD 2703, ASCE 7-05 and ASCE 7-10, and UL System Fire Class A with Type 1 and 2 modules.



## Superior Waterproof Technology

LightSpeed Mount eliminates rubber seals that degrade from thermal, UV, rain, and ice exposure. The patent pending flashing has a 0.7" tall cone that is covered by the Mounting Base and diverts water around roof penetrations. The Mounting Arm permanently encases the lag screw inside the Mounting Base. The system has been third-party tested to the AC286 Rain Test and is approved for use with or without sealant.

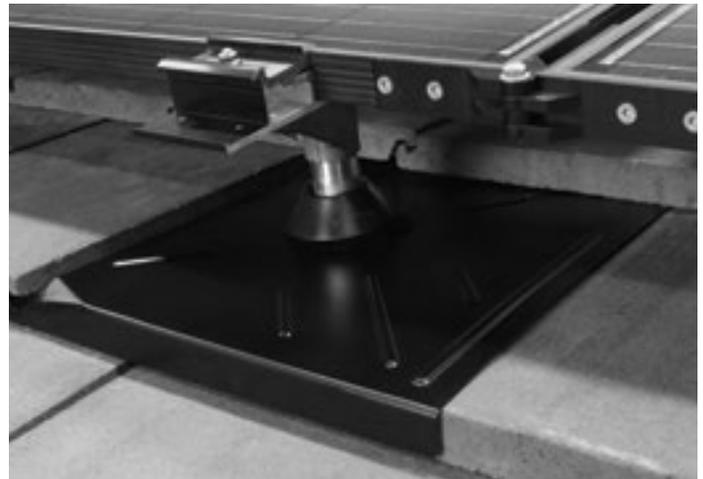


## Pre-Assembled Parts, All-in-One Kit Packaging

LightSpeed Mount removes labor from the field by delivering pre-assembled components and kitting all parts required for installation. A typical 6kW system needs just a few boxes to complete the installation. This significantly reduces installation times and offers logistics savings. All mounting hardware required for the installation - Mounts, Flashings, Lag Screws, and Corner Hinge Bolts - are packaged into ergonomically friendly easy-to-carry boxes. Kits are lightweight and are packed in sizes to minimize extra or leftover parts and reduce rooftop waste. PV Modules are shipped on standard pallets with factory installed Corner Hinges.

## Rail-Free Tile Replace

Pegasus Solar's LightSpeed Rail-Free Tile Replace system significantly reduces installation time and cost by eliminating rails, cutting roof tiles and reducing broken tiles. Tiles are replaced by pre-formed flashings that seamlessly fit most Flat, S, or W tiles. Flashings come standard in dark bronze to blend into the roof. Tiles that have been removed can be used to replace broken tiles. For additional waterproofing where double flashing is required, optional base flashings are available.



S-Tile Replace



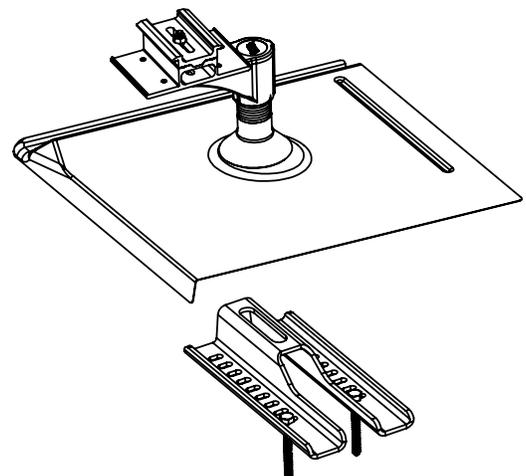
Flat Tile Replace

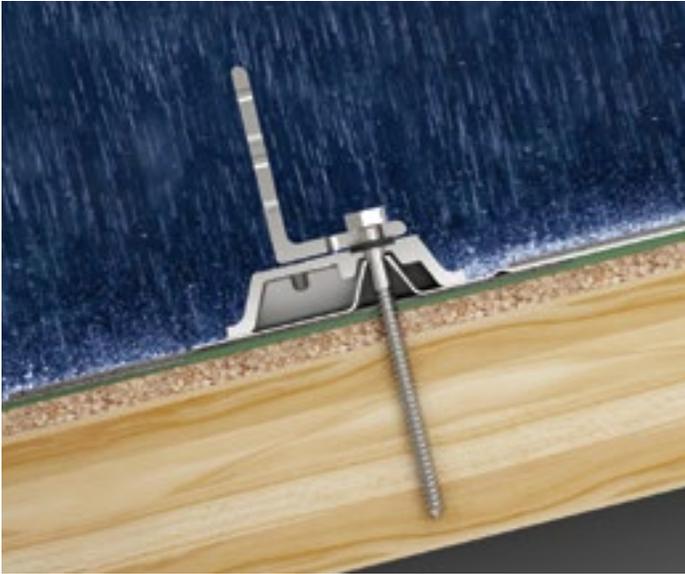


W-Tile Replace

## Super-Fast and Easy to Install

The system's Sled mounts with two lag screws to the rafter and is quick to install. It offers tons of installation flexibility in East/West and North/South directions. After the Tile Replace Flashing is in position, the Post installs with a simple twist-lock action. The Post is universal for batten or battenless roofs which reduces hardware. A watertight EPDM rain collar installs over the flashing's 1" tall cone to create a lasting watertight seal. Finally, the LightSpeed Mount Arm threads onto the Post to quickly level the array.





## Support Block

Pegasus Solar's LightSpeed Support Blocks make it easy to install electrical and mechanical components quickly and neatly on the roof. They install using the same LightSpeed Composite Flashing as a Single and Double Mount, and feature an elevated water seal for superior waterproofing. The Support Block is ideal for mounting conduit straps, junction boxes and is a low cost alternative for securing L-feet when using traditional railed systems.



Conduit Strap



Junction Box



L-Foot

## Tile Replace for Rails

The LightSpeed Tile Replace system can also be used to mount traditional railed systems. Installation times are significantly reduced by eliminating the need to cut roof tiles. The pre-formed Flat, S, and W-shaped Tile Replace Flashings seamlessly replace the existing roof tile while maintaining the roof's waterproof integrity. Tiles that have been removed can be used to replace damaged tiles elsewhere on the roof that have broken. No more wasted trips to tile suppliers to find matching tiles.

