



POWER PEAK™

POWER DRIVE™ GROUND MOUNT SYSTEM

The **POWER DRIVE Ground Mount System** is the I-beam pile-driven version of PLP's industry-leading line of POWER PEAK™ solar racking solutions designed for residential, commercial, and utility-scale projects. This system features an innovative single-row, vertical post design that minimizes ground penetrations while maximizing ground clearance.

The POWER DRIVE system is engineered for fast and easy assembly, requiring no heavy lifting equipment or time-consuming field modifications, including drilling or welding. With pre-assembled components, including patented module clamps, installation time and labor are significantly reduced. Additionally, the system's advanced module rail design incorporates integrated wire channels, enhancing both efficiency and aesthetics for a clean, professional finish.

FEATURES AND BENEFITS

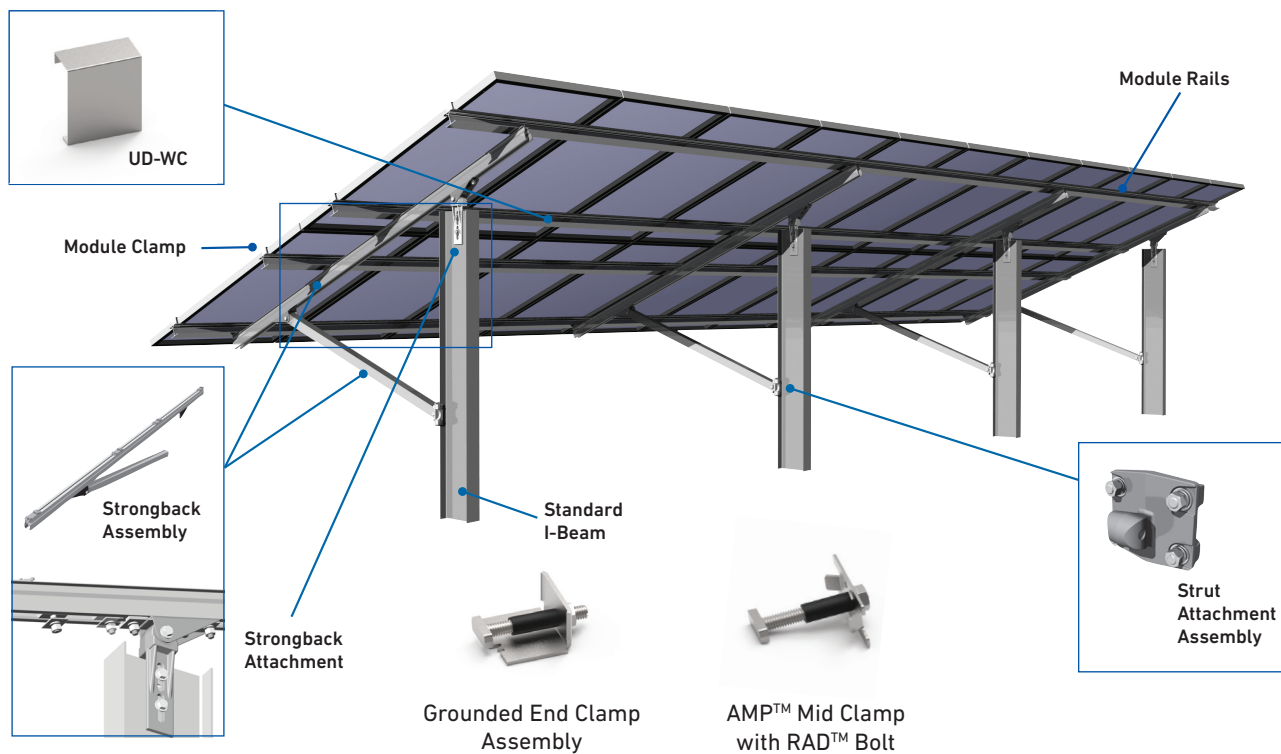
- Featuring high-strength, lightweight aluminum components
- Optimized for site-specific conditions
- Pre-assembled components
- High-strength aluminum or steel attachments
- Integrated wire management channels
- Wind tunnel tested
- Code compliant





COMPONENTS

POWER PEAK™ POWER DRIVE – Ground Mount System



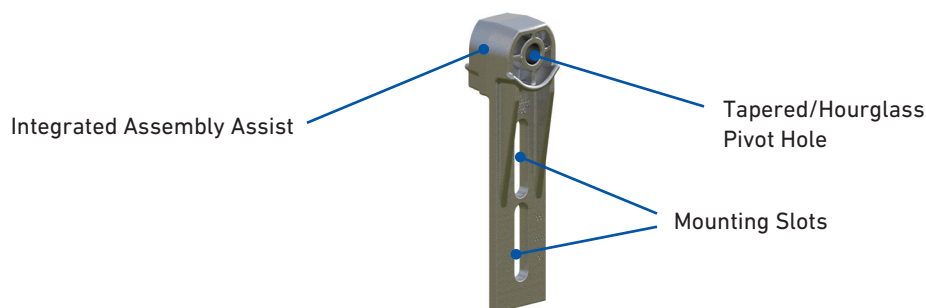
| Component | Features |
|---------------------------|--|
| Standard I-Beam | <ul style="list-style-type: none">• Pile driven with standard equipment• Sized per site conditions to reduce overall system costs• Sourced locally to reduce freight costs and delivery times• Pre-punched and galvanized - Ready to install |
| Strut Attachment Assembly | <ul style="list-style-type: none">• Field adjustable• Captive bolts – No loose parts• High-strength aluminum corrosion protection• Lateral adjustments resolve twisted posts |
| Strongback Attachment | <ul style="list-style-type: none">• Vertical field adjustments (2.5 inches)• High-strength aluminum corrosion protection• Built in articulation for twisted posts (+/- 5 degrees) |
| Strongback Assembly | <ul style="list-style-type: none">• Unfold and hang for easy assembly to posts• Factory pre-assembled – strongback/strut/rail brackets• Field adjustable for easy alignment• Lightweight, high-strength aluminum UD POWER RAIL™ |
| Module Rails | <ul style="list-style-type: none">• Lightweight, high-strength aluminum• Built-in wire channels• Long lengths minimize splices |
| Module Clamps | <ul style="list-style-type: none">• Heavy-duty stainless steel• Factory pre-assembled – Lock-in-Place RAD™ Clamp, patented• Built-in electrical bonding• Secure module clamping |

OPTIONAL: Wire Management Clip (UD-WC)

STRONGBACK & STRUT ATTACHMENT

The main attachments are strong, durable, and designed with built-in adjustability.

Strongback Attachment



| Feature | Benefit |
|------------------------------|--|
| Integrated Assembly Assist | Without using hardware, the installer can temporarily hang the Strongback Attachment on the I-beam until the next person can follow-up with through bolts |
| Tapered/Hourglass Pivot Hole | Provides ± 5 -degrees lateral movement of the Strongback for twisted I-beams (see details on next page) |
| Mounting Slots | Vertical adjustments of ± 1.25 " to compensate for out-of-level I-beams |

Strut Attachment

Ships pre-assembled, no gathering of hardware or assembly required.

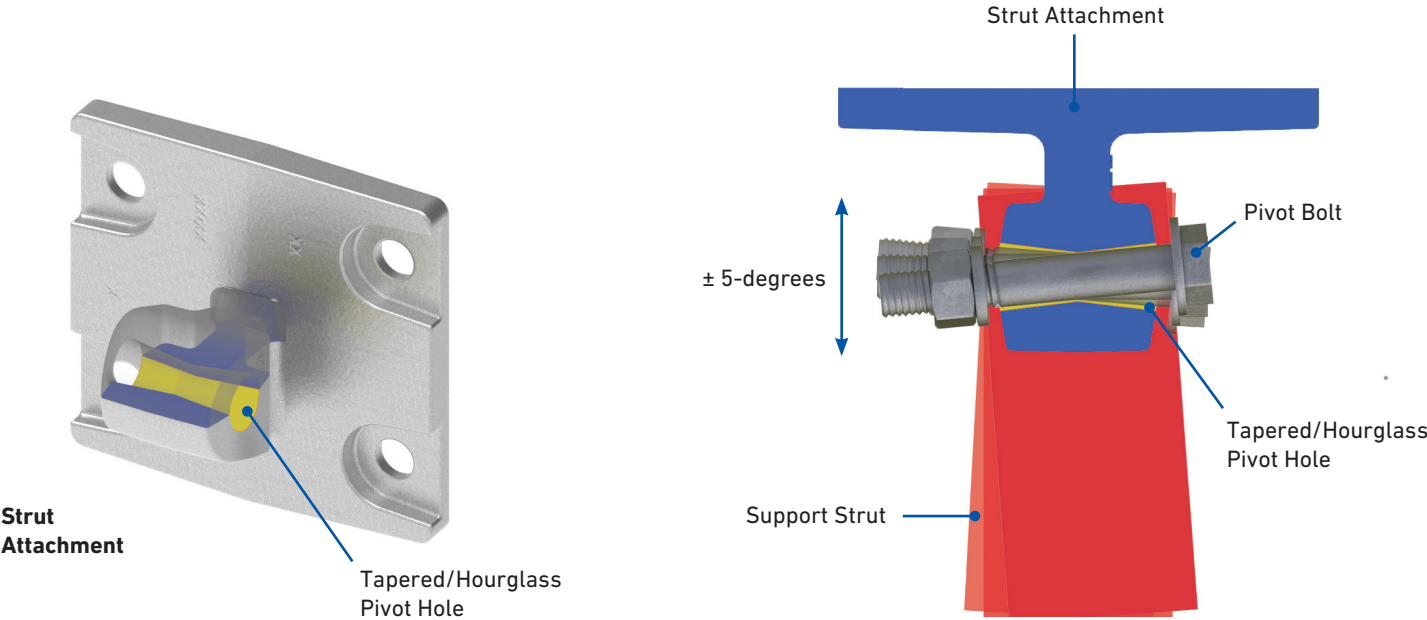
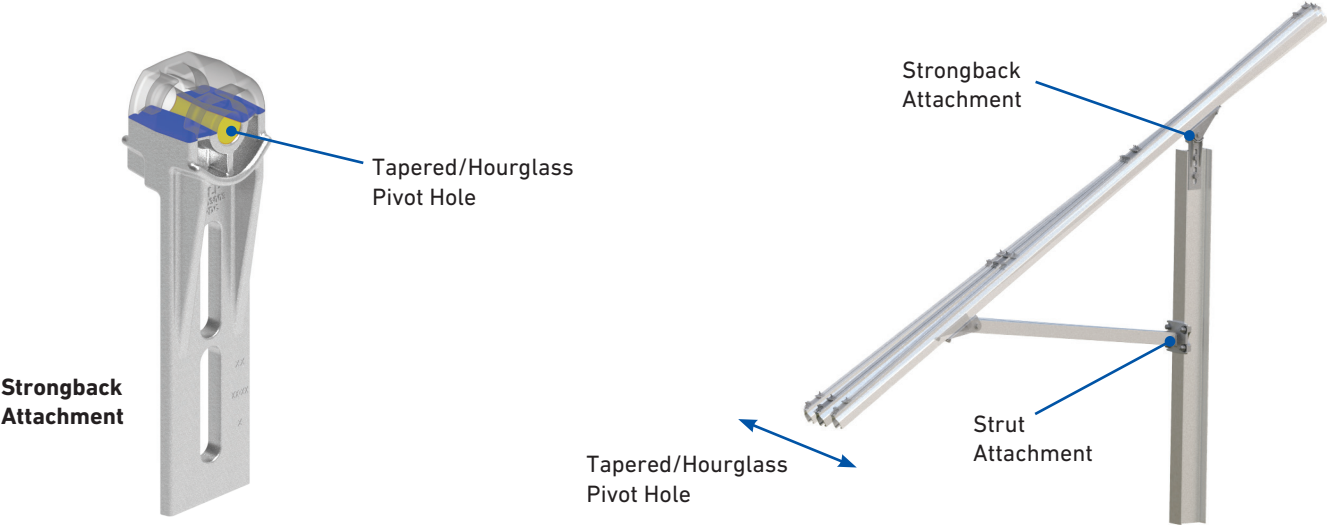


| Feature | Benefit |
|------------------------------|---|
| Tapered/Hourglass Pivot Hole | Provides ± 5 -degrees lateral movement of the Strongback for twisted I-beams (see details on next page) |
| Clamps to I-beams | <ul style="list-style-type: none"> Provides unlimited vertical adjustments along I-beams Installs fully assembled. Slips onto I-beams, no disassembly required. Back Bracket captures head of bolt eliminating need for two wrenches |



STRONGBACK & STRUT ATTACHMENT CONTINUED

Each includes an hourglass shaped pivot hole allowing ± 5 -degrees of lateral adjustability.

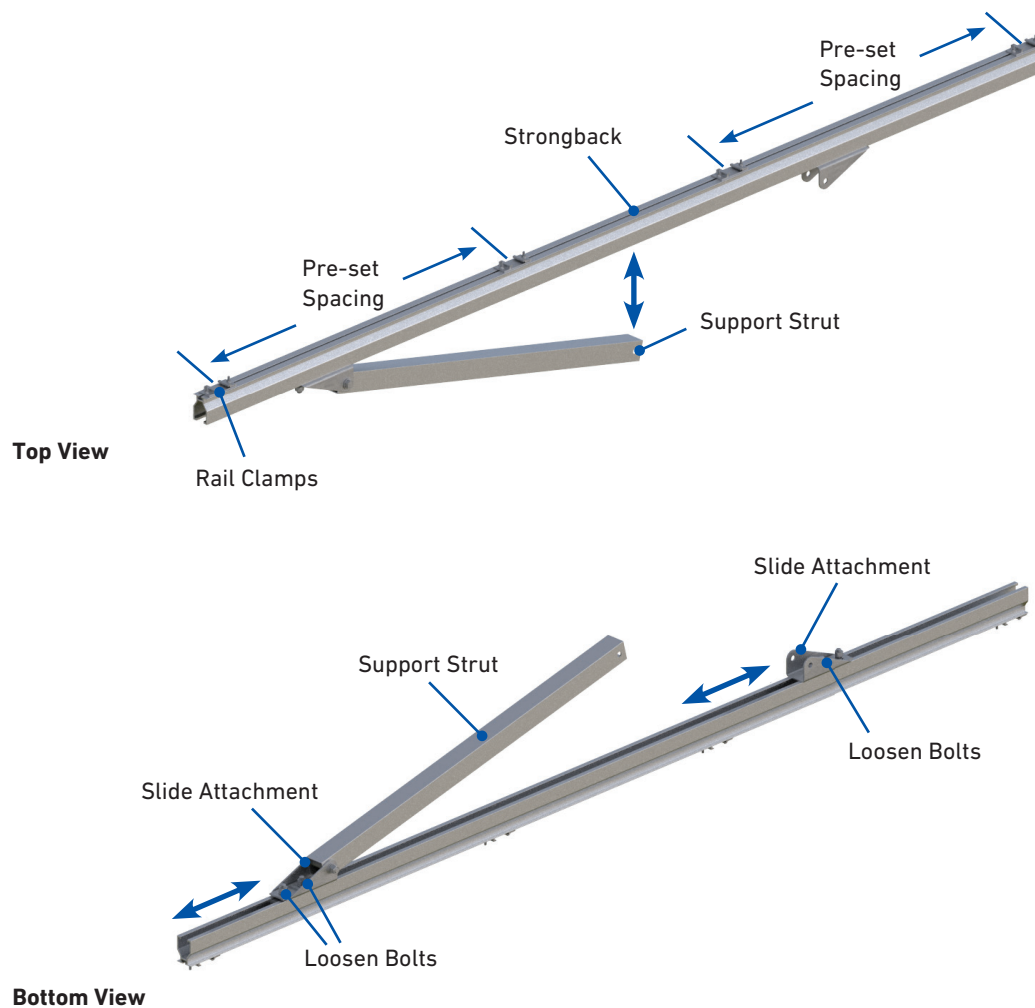


Lateral Movement Cutaway

When desired lateral position is achieved, tighten the Pivot Bolt to lock position. Tapered/Hourglass Pivot Hole provides ± 5 lateral movement of the Strongback for twisted Piles.

STRONGBACK ASSEMBLY

Ships fully assembled as shown below.



| Feature | Benefit |
|---------------|--|
| Strongback | Available in several size options to optimize design strength and reduce material cost |
| Support Strut | Folds into the Strongback to ease transportation and reduce shipping costs |
| Rail Clamps | Preset spacing to meet the module manufacturer's clamping specifications while reducing field measurements and handling of small parts |
| Loosen Bolts | Loosening Slide Attachment bolts allows installer to adjust the Strongback as needed to follow land contours |

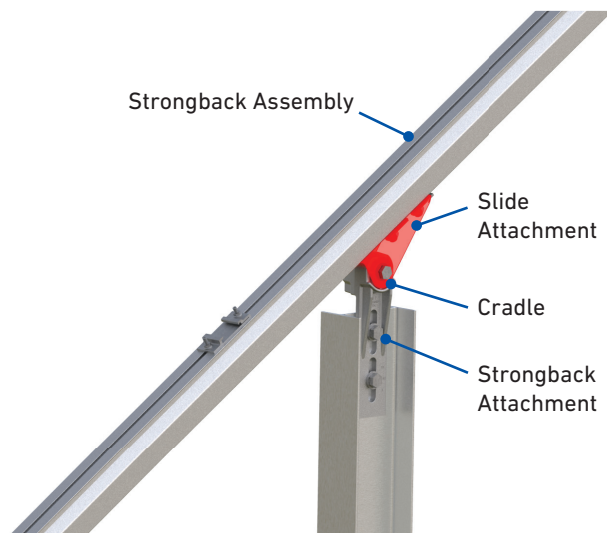
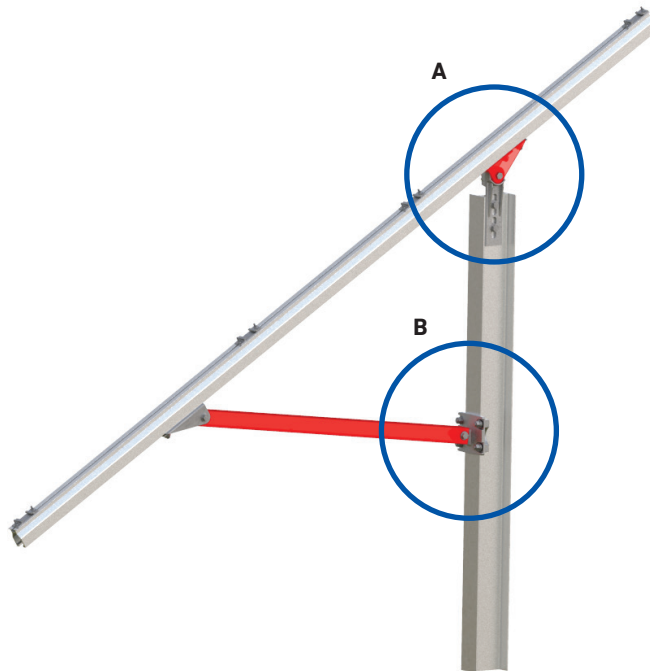


STRONGBACK ASSEMBLY CONTINUED

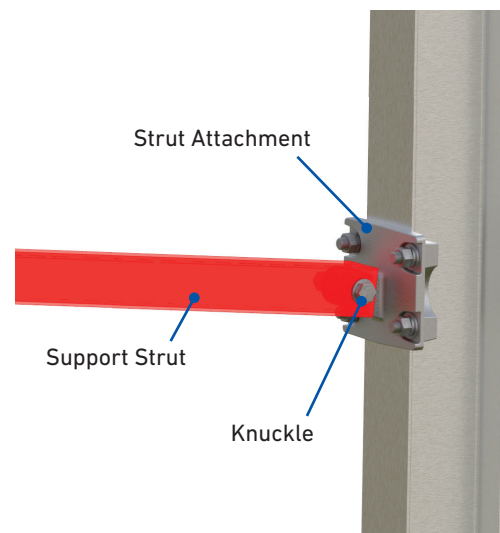
Pre-hanging the Strongback Assembly

To reduce installation costs, the lightweight components of the Strongback Assemblies allow them to be easily lifted by one person and pre-hung on the I-beams, after which through bolts and hardware are installed to secure it in place. This sets the stage for one person or team to pre-hang the Strongback Assemblies while a second person or team follows up with through bolts and hardware. There is no need for heavy-duty lifting equipment.

How it works: At the top of the I-beam, the Strongback Attachment has a cradle that accepts and holds the Strongback Assembly in place via the Slide Attachment. Midway down the I-beam, the Strut Attachment includes a knuckle-shaped protrusion that accepts the lower end of the Support Strut. These two attachment points allow the Strongback Assembly to freely hang in place awaiting the through bolts and attaching hardware.



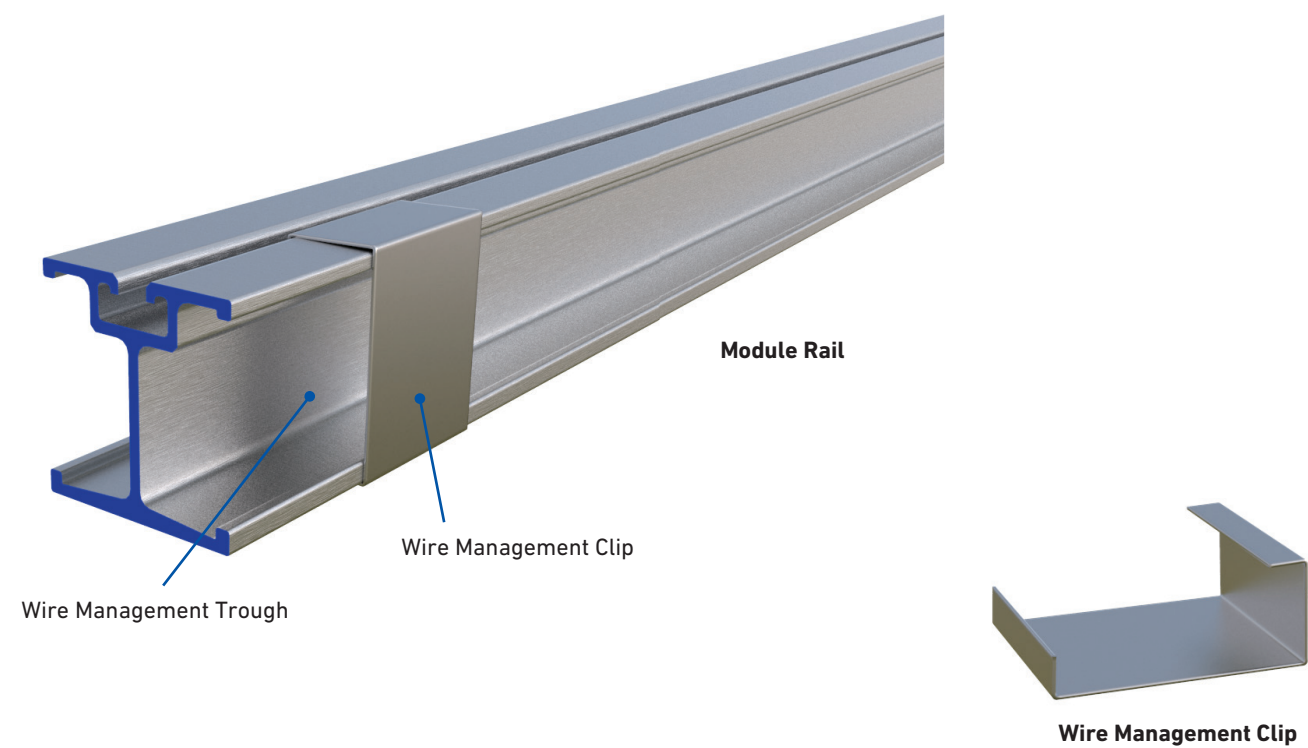
A



B

MODULE RAILS

Lightweight aluminum extrusion requires no heavy lifting equipment.

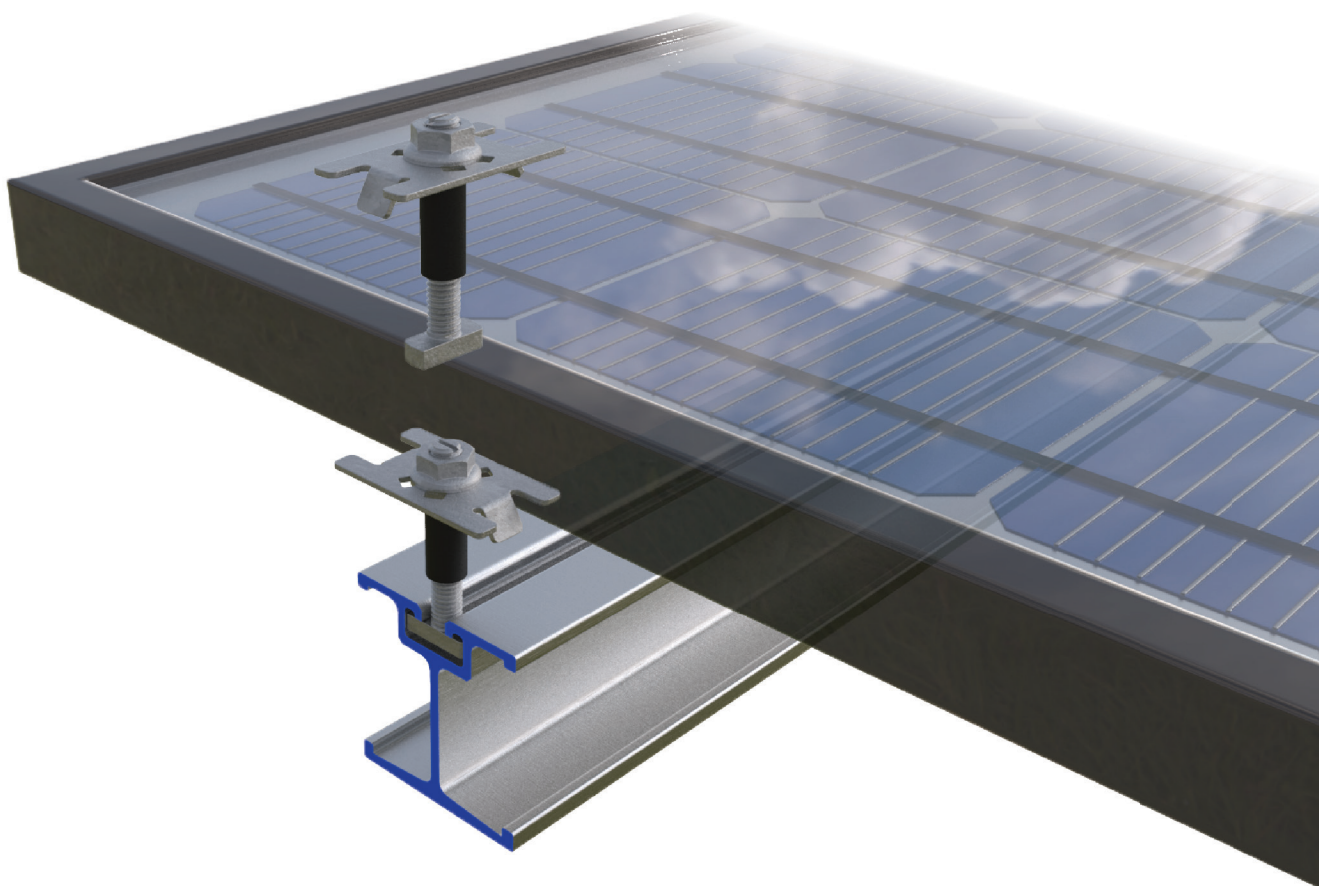


| Feature | Benefit |
|------------------------|---|
| Module Rail | Available in several size options to optimize design strength and reduce material cost |
| Wire Management Clip | Easily snaps into place and holds wires snug within the trough, providing a clean, professional aesthetic |
| Wire Management Trough | Allows ample space to contain wires for a clean and professional appearance |



POWER PEAK™ POWER DRIVE™ GROUND MOUNT SYSTEM

- Fast installation and on-the-fly adjustability
- Single-row I-beam design speeds installation
- Single-Strut design
- Built-in features maximizes adjustability
- Factory pre-assembly minimizes components and on-site labor requirements
- Pre-assembled/integrated grounding module clamps
- Integrated wire management
- UL-2703 listed



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