

Power Peak™ AL

Aluminum Large Scale
Ground Mount System



-  COMMUNICATIONS
-  ENERGY
-  SPECIAL INDUSTRIES
-  SOLAR



The Power Peak™ AL – PV Solar Mounting System

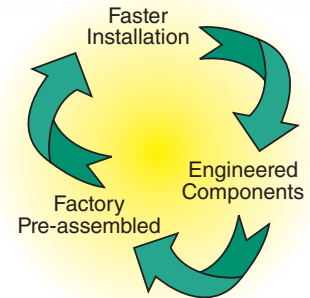
The **Power Peak™ AL** PV mounting system is designed for larger scale ground mount installations that require faster build rates. Combining high strength steel attachment components, lightweight module rails and the patented Lock-in-Place RAD™ clamp, the Power Peak provides a fast and secure mounting structure for most PV modules.

Power Peak mounting structures are optimized to site-specific conditions and assemble over pile driven galvanized “I” beams. Component attachments feature built-in field adjustments for post misalignment and include captive bolts. The single row, vertical post design greatly reduces the number of ground penetrations while providing increased ground clearance options.

The Power Peak mounting system assembles without any lifting equipment or machinery and pre-assembled components significantly reduce installation time and labor. Structures are specified and manufactured to match module string counts to reduce wiring time and materials. The unique module rails feature built in wire channels for a professional appearance.

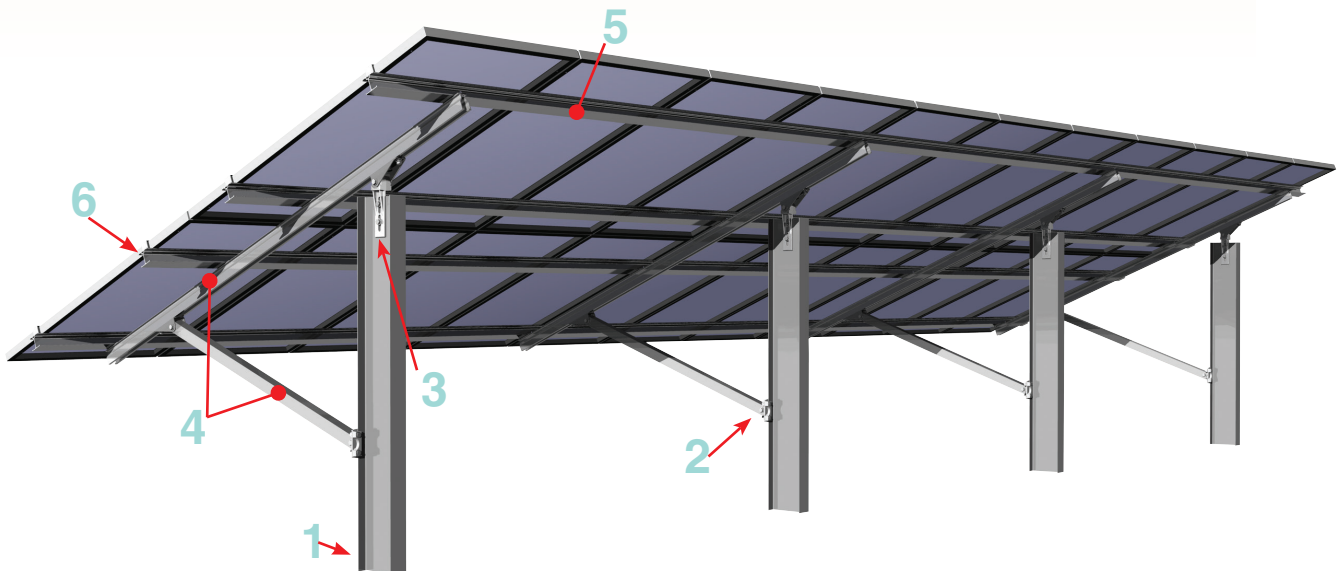
Technical Services Offered

- Permit ready drawings
- Quick turnaround on proposals
- Foundation designs
- Pile driving proposals
- Rack assembly proposals



Key Benefits

- **Site Optimized Designs**
Reduces overall material costs
- **Factory Pre-assembled Components**
Eliminates field measurements and handling of small hardware
- **String Size Matched Sub-arrays**
Faster repetitive layouts, easier wiring
- **Local Pre-drilled I-Beam Vertical Posts**
Eliminates on-site fabrication and reduces freight costs
- **Racking Adjustments**
Easier to square the structure when posts twist or misalign
- **Lightweight Components**
Eliminates heavy-duty lifting equipment and promotes “assembly-line” installation
- **Integral Wire Management**
Reduces labor, meets code and provides a clean and professional appearance
- **Module Clamp Assemblies**
Faster installation with a ¼" turn and no loose parts



Performance and Simplicity Connect

1 Standard I Beams

- Pile Driven with standard equipment
- Sized per site conditions to reduce overall system costs
- Sourced locally to reduce freight costs and delivery times
- Predrilled and galvanized - **Ready to install**



2 Strut Attachment

- Field adjustable
- Captive bolts – **No loose parts**
- Hot dip galvanized corrosion protection
- Lateral adjustments resolve twisted posts



3 Strongback Attachments

- Vertical field adjustments (2.5 inches)
- Hot dip galvanized **corrosion protection**
- Built-in articulation for twisted posts (± 5 degrees)
- High strength steel



4 Strongback Assembly

- Unfold and hang for easy assembly to posts
- Factory pre-assembled – strong back / strut / rail brackets
- **Field adjustable for easy alignment**
- Lightweight, High Strength Aluminum



5 Module Rails

- Lightweight, High Strength Aluminum
- **Built-in Wire channels**
- Lift into place
- Long lengths minimize splices



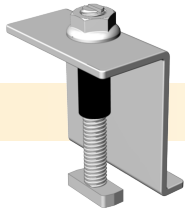
6 Module Clamps

- Pre-install clamps in rail then slide module in place.
- Heavy-duty stainless steel
- Factory pre-assembled – Lock-in-Place **RAD™ clamp**
- Built-in electrical grounding option
- Secure module clamping

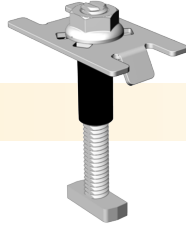


Pre-Assembled Components of Power Peak™ AL

Each Power Peak system ships with factory pre-assembled components, resulting in reduced installation time and costs. Preset components not only avoid loose parts on site but also eliminate measuring and simplify the installation.



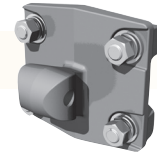
End Clamp Assembly



Mid Clamp Assembly



Strongback Assembly



Strut Attachment Assembly

The Power Peak AL is the newest member of PLP's field-proven ground mount solutions including:

Multi-Pole Mounts (MPM-G2)

Large Ground Mounts (LGM)

PLP's engineering staff is available to assist with your next project. Please visit www.preformed.com and complete an RFQ Form or contact our product support team at (800) 260-3792.



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