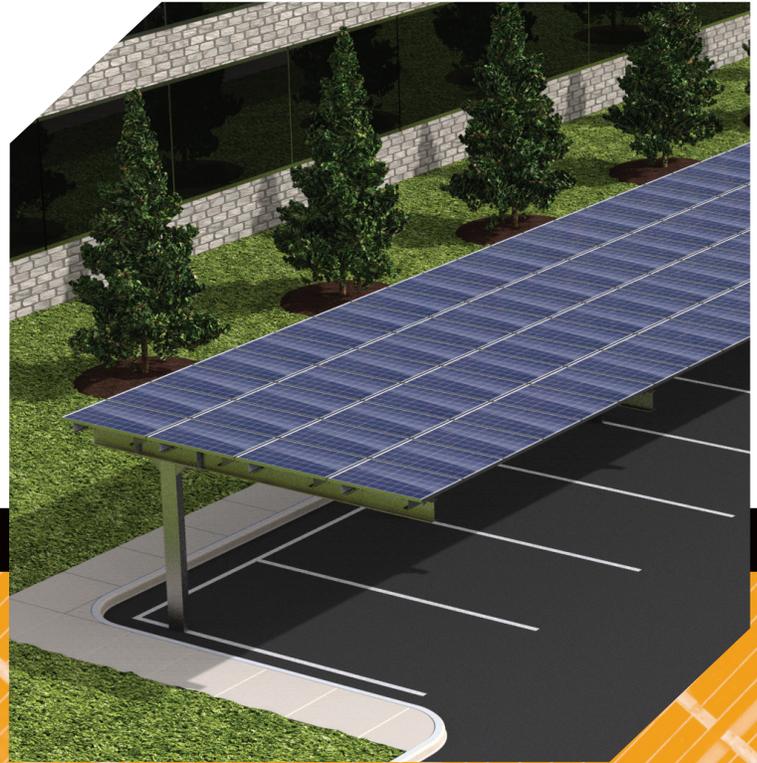
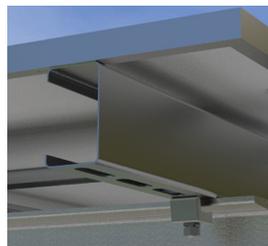


Solar Carport

Ready-Made Shade Structure



-  COMMUNICATIONS
-  ENERGY
-  SPECIAL INDUSTRIES
-  SOLAR



Solar Carport

Ready-Made Shade Structure

PLP carports are engineered and optimized to site-specific applications and PV solar installation. The modular structures feature a simplified design and integrated PV module mounting system designed to provide faster assembly rates and labor savings on every project. These solar support structures feature tilt angles that offer 0, 5, and 10 degree positions and an optional gasket sealing solution. PLP's unique module clamping system offers 50 percent fewer components than traditional systems and has built-in 3/4" spacing. This system offers 4-high or 7-high in portrait module mounting for single row or double row car parking with built-in wire management channels.

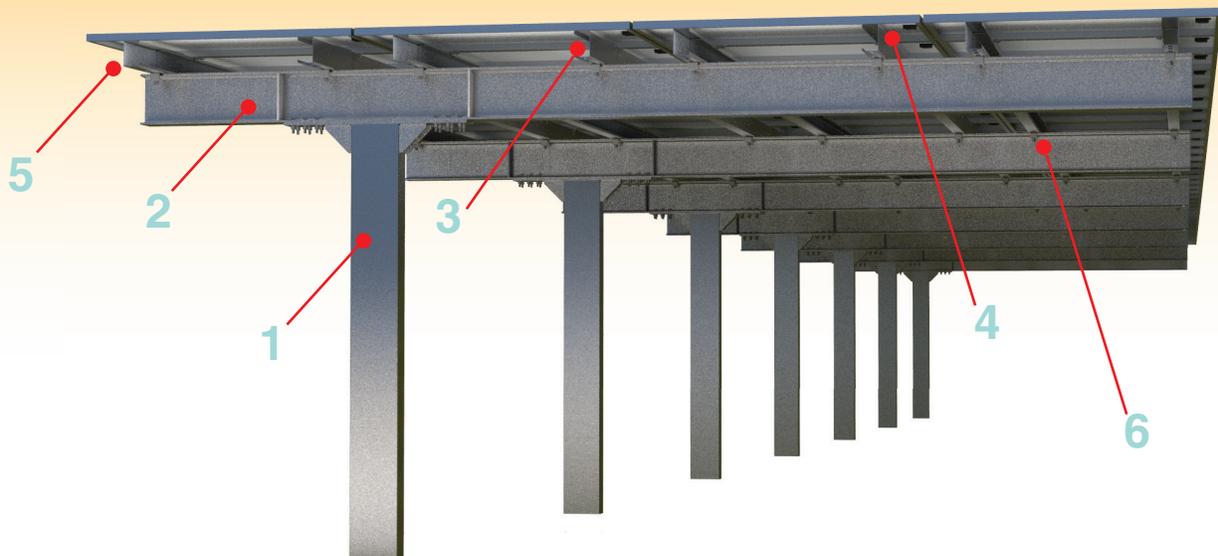


Features

- Columns span two parking spaces wide
- Designs for single or double rows of cars
- Six main components and attaching hardware
- 0, 5, and 10-degree tilt options – positive or negative
- Foundation design, engineering, and layout provided
- Designed up to 30 PSF Snow and 120 MPH Wind (ACSE 7-10)
- Shared module clamps – up to 50% fewer clamps
- Galvanized steel components
- Up to 15 feet of clearance
- 60 or 72 cell module mounting

Key Benefits

- No on-site welding
- Bottom access clamping eliminates working above PV Modules
- Shared module clamp – fewer parts
- Optional gasket for sealing between solar modules
- Modular design – common components
- Purlin extensions adjust to any width module



Performance and Simplicity Connect

1 HSS Column

- High-strength 12x6 tube steel construction
- Regional sources reduce freight costs and delivery times
- Pre-drilled, factory welded plate and galvanized - **Ready to install**
- Conceals wire and cable routings



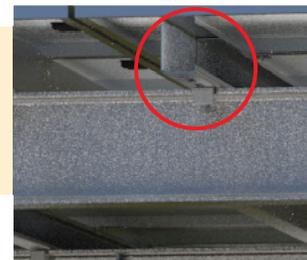
2 I-Beam Strongback

- High-strength W12 galvanized steel construction
- Bolt-together assembly
- Regional sources reduce freight costs and delivery times
- Longer cantilever avoids potential column impacts



3 Purlin

- Pre-punched Cee Profile – No on-site drilling
- G90 galvanized, 10 GA steel construction
- Standard lengths provide 19 feet wide parking bays
- Built-in wiring channels



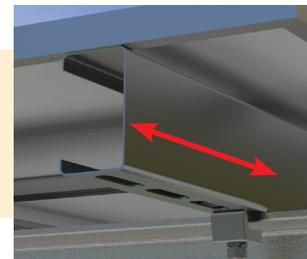
4 Shared Module Clamp

- Universal – 60 or 72 cell PV modules
- Shared module design – 50% fewer clamps
- Integrated Grounding and 3/4" module spacing
- Bottom access – Eliminates working above PV modules
- G90 galvanized, 12 GA steel construction



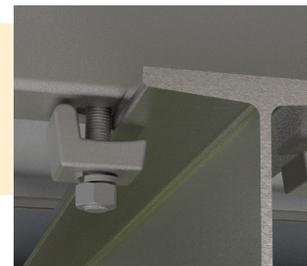
5 Purlin Extensions

- Single component - accommodates different width PV modules
- Pre-punched Cee Profile – Bolt together construction
- G90 galvanized, 12 GA steel construction

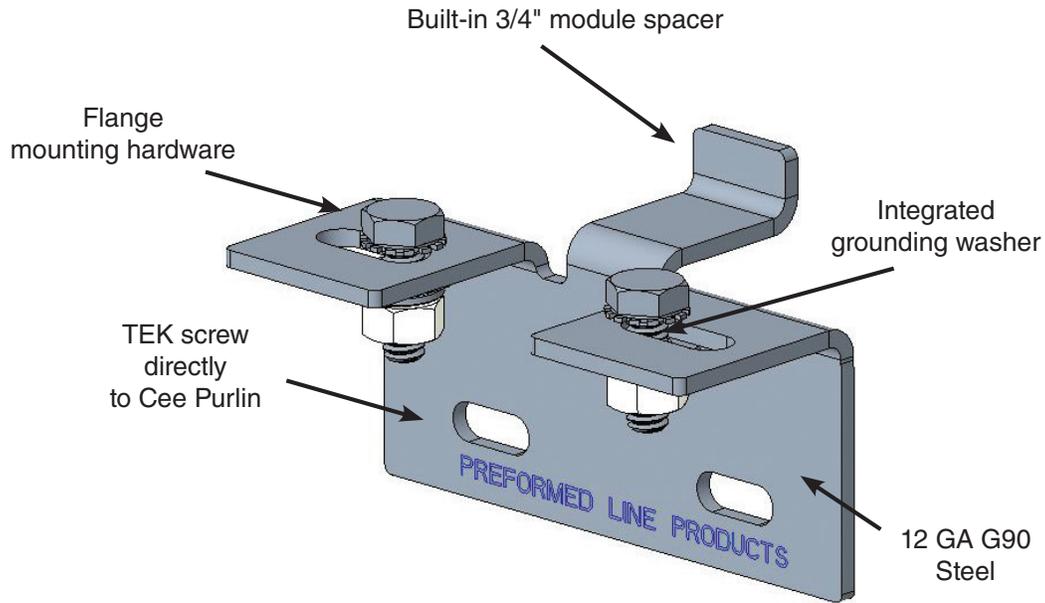


6 Beam Clamp/Splice

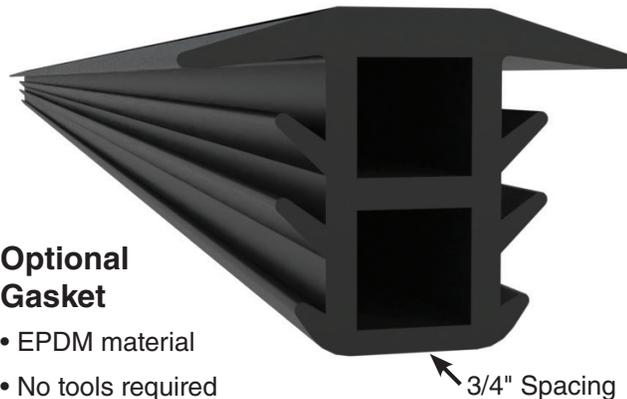
- Bolt-together construction
- Serves as purlin attachment and splice point – reduces part counts
- Galvanized, steel construction



Solar Carport Components



Shared Module Clamp



Optional Gasket

- EPDM material
- No tools required
- Triple rib design for added waterproofing
- Can easily cut with a utility knife



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