



SOLAR CARPORT

PLP Solar Carports offer an efficient solution to transform parking lots into a renewable energy space while providing shade to vehicles. The carports are pre-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 a 10-degree tilt angle and offer an optional gasket sealing solution. This system features a module mounting solution for 3-high in portrait for covering a single row of vehicle parking spaces.

FEATURES AND BENEFITS

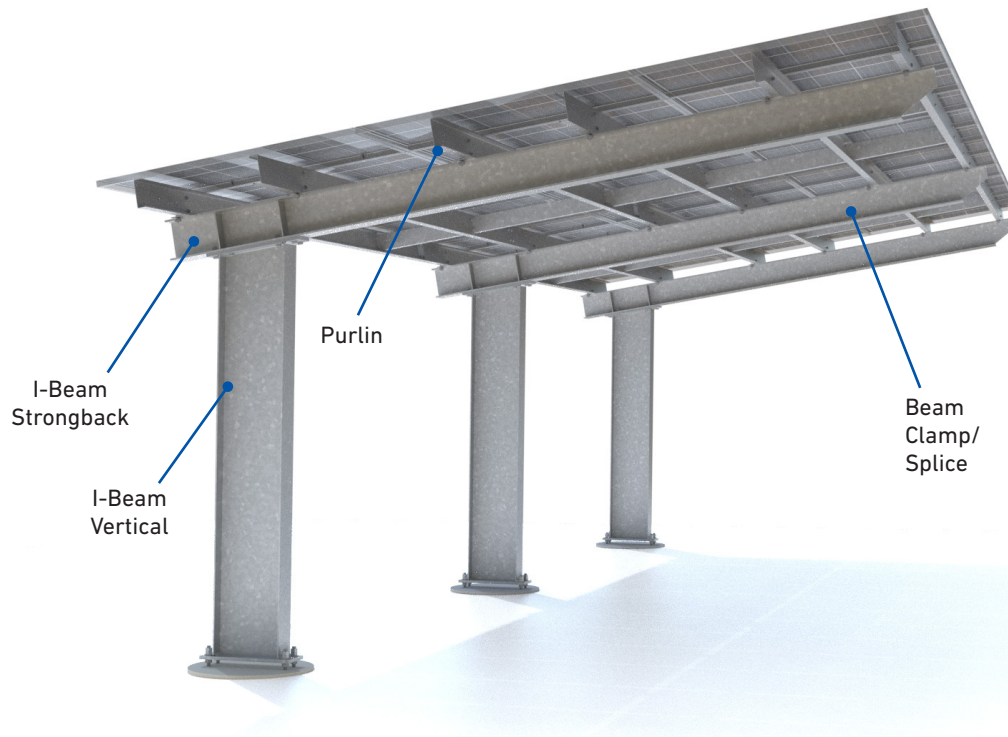
- High-strength, galvanized steel construction
- Standardized/pre-engineered design for quick design and availability
- Designs for single row of cars
- Standard 10-degree tilt design
- Modular design featuring common components
- Used in residential and commercial settings
- Designed to withstand up to 30 psf snow loads



COMPONENTS

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SOLAR CARPORTS



Component	Description
I-Beam Strongback	High-strength galvanized steel construction, bolt-together assembly, regional sources reduce freight costs and delivery times, longer cantilever avoids potential column impacts
I-Beam Vertical	Feature a robust design allowing for maximum vehicle shading by the canopy
Purlin	Pre-punched Cee Profile – No on-site drilling, G90 galvanized, 10 GA steel construction, standard lengths provide 19 feet wide parking bays with built-in wiring channels
Beam Clamp/Splice	Serves as a purlin attachment and a splice point
Gasket (Optional)	Made from durable EPDM material and features a triple rib design for added waterproofing

DESIGN YOUR SYSTEM

For design assistance on your next project, please reach out to our technical team at solar@plp.com.