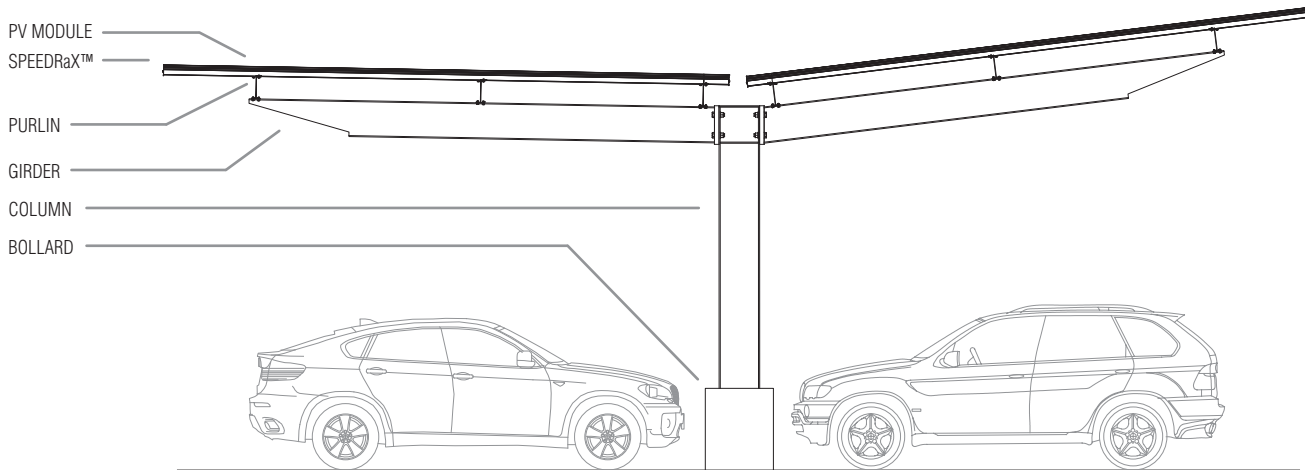


Inverted Cantilever



Features

- SolFas™ Proprietary Install Method (3-5 days)
- Solar SpeedRaX™ Proprietary Insertion Rail
- Minimum Clear Heights Up to 12'
- Canopy Inclination Angles of 2°, 5° and 7°
- Nominal Canopy Width up to 40'
- Nominal Canopy Lengths up to 150'
- Nominal Column Spacing from 18' to 32'

Benefits

- Pre-Engineered Modular Design
- Constructed from high strength structural steel
- Pre-Drilled for a simple, quick bolt-together assembly utilizing 68% less bolts and 25% less steel
- Engineered to be compatible with most Tier 1 commercial grade PV modules
- Cast-in-Place Concrete Pile with Embedded Column (eliminating the need for anchor bolts)

Optional Features

- SolarGaskeX™ Near Water Tight System
- LED Back-Lighting and Area -Lighting
- Custom Color and Steel Finishes
- Solar Sure Wraps™ Custom Branding
- SureRaX™ Electrical and Inverter Mounting
- EVRaX™ EV Charging Stations

Basic Technical Specifications

- Engineered to IBC 2018/ ASCE 7-16 standards
- Standard Wind Speed - (110mph and Up)
- Designed as a UL 2703 Solar Support System
- Manufactured in an ISO 9001/AISC certified facility
- Compatible with DSA and PACE Requirements



Solar Carport™ System

Inverted Cantilever

Designed with You in Mind

Kern Solar Structures' gifted team of in-house engineers designs each Solar Carport™ System with the goal of providing your company long-standing, property enhancing investments. We work to meet your energy-saving goals, shrinking your costs while aiding your company's commitment to sustainable, renewable energy.

Lean, Green, and Clean

The Inverted-Cantilever Carport's™ dual incline canopy maximizes production yield while employing powerful design. We understand that presentation is paramount to your company's brand and have married functionality and aesthetics with your project in mind. The high-quality steel and aluminum construction doesn't utilize thin-gauge metals or light-weight purlins, resulting in a striking structure that's built to last.

Renewable Excellence

Kern Solar Structures is a proud part of the Kern Steel Fabrication family of companies and is built on a framework of integrity, innovation and quality coupled with more than 60 years of proven success in the structural steel fabrication industry. That foundation, united with our team's combined experience of 1.4 GW of Solar PV and CSP manufacturing, guarantees that we at KSS know exactly how to meet and exceed your expectations in design and execution.

Contact Us

627 Williams Street
Bakersfield, CA 93305
kernsolarstructures.com

P: 661.912.0560
F: 661.869.1269
E: solar@kernsteel.com

