



INFINITY RACK



Power.Beauty.Comfort.

SUNLOUNGE

PRODUCT NAME:
SUNLOUNGE

PRODUCT NUMBER:
INFR-P

PRODUCT CATEGORY:
Pergolas / Pavillions

PRODUCT OVERVIEW

SunLounge

The SunLounge is an elegant alternative to solar panels on your roof. Increase your livable outdoor space, create an outdoor event area or covered walkways with this waterproof shade structure that produces energy to pay for itself.

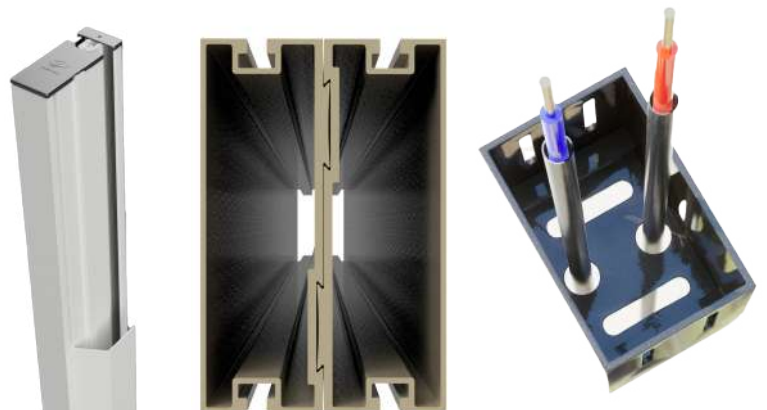
Infinity Rack Canopies are mechanically watertight, have internal wire chaseways to encapsulate and protect all wiring with a clean aesthetic and are built to handle extreme weather.



PRODUCT FEATURES

The Infinity Rack Advantage

- 01** Mechanically Watertight - Horizontal support clamps modules together on epdm gasket
- 02** Fully Encapsulated dual wiring chaseways for AC & DC wiring
- 03** Post bases designed to accept conduit or plumbing to bring electric, water and gas directly into the frame
- 04** Designed for extreme weather and snow loads
- 05** By fully supporting modules on all four sides large format bifacial solar panels can be used in high wind and snow load regions





TECHNICAL DATA SPECIFICATION

Product Details	Specification
Max Span on Frame Beam	22ft
Max Span on Roof Beam	18ft
Max Clear Height	14ft
Max Structure Length	300ft
Max Structure Depth	30ft
Powdercoat	2604 (Optional 2605)
Color Options	White, Beige, Black, 2 tone
Aluminum Alloy & Temper	6005A T6 (Roofbeam) 6063-T6 (All other components)
Max Wind Speed	195MPH
Max Snow Load/Span	40PSF @ 22ft, 60PSF @ 18ft, 100psf @ 14ft

OPTIONS

- Modular components allow for unlimited custom configurations
- 14 Pre-engineered configurations
- Multiple height options up to 14ft min clearance
- Accessory LED lighting kits
- Semi Cantilever options available with roof beams cantilevered up to 6ft
- Optional automatic drop down sunshades and projector screens

PRODUCT CERTIFICATIONS



	Model Number	# of Modules	Module Layout	Depth	Width	SQ Ft	Watts
Pergola 8'-10'	INFR12-P-4x3	12	4 X 3	15.2ft	23.5ft	356.4ft	6,900
	INFR15-P-5x3	15	5 X 3	18.8ft	23.5ft	442.6ft	8,625
	INFR16-P-4x4	16	4 X 4	15.2ft	31.0ft	470.2ft	9,200
	INFR20-P-5x4	20	5 X 4	18.8ft	31.0ft	583.8ft	11,500
	INFR20-P-4x5	20	4 X 5	15.2ft	38.7ft	586.4ft	11,500
	INFR24-P-4x6	24	4 X 6	15.2ft	46.5ft	705.3ft	13,800
	INFR25-P-5x5	25	5 X 5	18.8ft	38.7ft	728.2ft	14,375
	INFR28-P-4x7	28	4 X 7	15.2ft	54.2ft	821.5ft	16,100
	INFR30-P-5x6	30	5 X 6	18.8ft	46.5ft	875.8ft	17,250
	INFR32-P-4x8	32	4 X 8	15.2ft	62.0ft	940.3ft	18,400
	INFR35-P-5x7	35	5 X 7	18.8ft	54.2ft	1020.1ft	20,125
	INFR40-P-5x8	40	5 X 8	18.8ft	62.0ft	1167.7ft	23,000
	INFR40-P-4x10	40	4 X 10	15.2ft	77.5ft	1175.4ft	23,000
	INFR50-P-5x10	50	5 X 10	18.8ft	77.5ft	1459.6ft	28,750

EASE OF INSTALLATION

Our aluminum carports can be installed with much smaller footers than traditional carports using either a concrete, helical or a combination footer. All major components are fastened together with 3/8" T-Bolts similar to standard rooftop solar racking. Using T-bolts and slots allows for adjustable framing for any module size, column placement requirements and ease of installation.

WARRANTY

This Limited Warranty of Infinity Rack LLC applies to framing and solar mounting products manufactured or distributed by Infinity Rack LLC (Infinity Rack). Lifetime structural warranty on all Infinity Rack framing and brackets, 10 year warranty on gaskets & paint, 6 month warranty on lighting.

