

# SunLounge Pavilion



## INFINITY RACK

## Product Overview

The SunLounge offers an elegant alternative to rooftop solar panels. Enhance your outdoor space, create covered walkways, or set up outdoor event areas with this waterproof shade structure that generates energy to offset its cost.

Infinity Rack structures are mechanically watertight, featuring internal wire chaseways that protect wiring while maintaining a sleek aesthetic. Built to withstand extreme weather conditions, they ensure durability and performance.



## Technical Data

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
Color Options	White, Beige, Black & Custom
Aluminum Alloy & Temper	6005A T6 (Roofbeam) 6036-T6 (All other components)
Max Wind Speed	195MPH
Max Snow Load/Span	40PSF @ 22ft, 60PSF @ 18ft, 100PSF @ 14ft

## Features

- ✓ Mechanically watertight with horizontal support clamps and EPDM gaskets
- ✓ Fully encapsulated dual wiring chaseways for AC & DC wiring
- ✓ Engineered for extreme weather and snow loads
- ✓ Supports large format bifacial solar panels on all four sides
- ✓ Post bases designed to accept conduit or plumbing for direct integration of electric, water and gas into the frame



## Options

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

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## SunLounge Pavilion 8'-10'

# of Modules	Layout	Depth	Width	SQ Ft	Watts
12	4 X 3	15.2ft	23.5ft	356.4ft	6,900
15	5 X 3	18.8ft	23.5ft	442.6ft	8,625
16	4 X 4	15.2ft	31.0ft	470.2ft	9,200
20	5 X 4	18.8ft	31.0ft	583.6ft	11,500
20	4 X 5	15.2ft	38.7ft	586.4ft	11,500
24	4 X 6	15.2ft	46.5ft	705.3ft	13,800
25	5 X 5	18.8ft	38.7ft	728.2ft	14,375
28	4 X 7	15.2ft	54.2ft	821.5ft	16,100
30	5 X 6	18.8ft	46.5ft	875.8ft	17,250
32	4 X 8	15.2ft	62.0ft	940.3ft	18,400
35	5 X 7	18.8ft	54.2ft	1020.1ft	20,125
40	5 X 8	18.8ft	62.0ft	1167.7ft	23,000
40	4 X 10	15.2ft	77.5ft	1175.4ft	23,000
50	5 X 10	18.8ft	77.5ft	1459.6ft	28,750

### Ease of Installation

Our SunLounge Pavilions require smaller footers than traditional models, utilizing concrete, helical, or a combination footer. Key components are secured with 3/8" T-Bolts, akin to standard rooftop solar racking. This system of T-bolts and slots enables adjustable framing to accommodate various module sizes, column placements, and ensures straightforward installation.

### Warranty

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

