

Aluminum Carport



INFINITY RACK

Product Overview

Infinity Rack Carports combine aesthetic value with practicality, offering protection for vehicles while enhancing your property's exterior. More than just a carport, our products are designed to subvert rising energy costs for electric vehicle owners. Featuring mechanical watertight seals and internal wire chase-ways for protected wiring, they maintain a sleek aesthetic and are engineered to withstand extreme weather conditions.



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 chase-ways 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
- 7 pre-engineered configurations
- Multiple height options up to 14ft min clearance
- Accessory LED lighting kits included
- Semi Cantilever options available with roof beams cantilevered up to 6ft
- Designed to mount electric car chargers directly to the columns with internal wiring

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Aluminum Carport 10'-12'

# of Modules	Layout	Depth	Width	SQ Ft	Watts
15	5 X 3	18.8ft	23.5ft	442.6ft	8,625
20	5 X 4	18.8ft	31.0ft	583.8ft	11,500
25	5 X 5	18.8ft	38.7ft	728.2ft	14,375
30	5 X 6	18.8ft	46.5ft	875.8ft	17,250
35	5 X 7	18.8ft	54.2ft	1020.1ft	20,125
40	5 X 8	18.8ft	62.0ft	1167.7ft	23,000
50	5 X 10	18.8ft	77.5ft	1459.6ft	28,750



Ease of Installation

Our aluminum carports 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.

