

# Solar Carport

Solar Power Where it Belongs

*Prices start at \$1,499 + tax*



SunnyCal Solar Carport is the newest innovation in solar, applied to the tried and true lightweight carport structures. A standard carport structure can now become a powerful solar generating system for your home or business.

The Solar Carport features:

- **Designs ranging from lean-to shed to 4 car garage**
- **Roof options: Metal roof, Solar Roof or Greenhouse**
- **Designs to support solar roof and snow load**
- **Frame design of 2" or 2.5" 12 gauge steel**
- **Solar Array**                               **1.0kW to 7kW array**
- **Ready for standard Solar inverter**
- **Option: Daylight Inverter, off-grid, no batteries**
- **Traditional or Steel Roof PV solar panel options**
- **Rapid-Install Ground Screw option**
- **Designed to withstand 30lb snow load**

## **SOLAR POWER REPLACES UTILITY POWER**

Now users can use solar to power remote electrical equipment. Systems with batteries provide additional around-the-clock power and backup.

## **COMPATIBLE WITH STANDARD SOLAR**

The Solar Carport is compatible with multiple inverter technologies including microinverters, string inverters or Daylight Inverters. Battery room can be accommodated.

## **READY FOR INTEGRATED OR BOLT-ON SOLAR MODULES**

Solar arrays can be constructed using low profile Steel Roof PV with integrated solar cells, or with traditional bolt-on solar modules.

## **EASY INSTALLATION**

The Solar Carport is delivered ready to bolt upright. Installation can be completed in one day when level foundation is ready. This assures customers do not need to worry about on-site construction teams or equipment transport.

## **DURABILITY**

Solar Carports are constructed from 100% galvanized framing and rooftop sheeting to preserve appearance and ensure long life.

## **SOLAR PARKING LOT LIGHT OPTION**

Optional motion sensing solar-powered parking light is available.

## **SCALABILITY**

Multiple solar carports can be connected to create long row houses or greenhouses.

## **ABOUT SUNNYCAL SOLAR**

We have been providing turn-key solar power systems for more than a decade. From our production facility in Central California, we ship direct to customer sites, and have a network of trained installation contractors.

Find out more



### Parameter Table

Component	Parameter Description	Values	Comment
Frame Structure	2.5" 12 ga. square tube	Galvanized	Neutral color
	2.25" 14 ga. linking segments	Galvanized	Hidden
	2" 14 ga. U-Channel angle braces and Purlins	Galvanized	Ridge and eve braces

	Style	Entry Width	Depth	Comment
Frame Dimensions	Carport	12ft	20ft	Add 4"-6" per end for overhang
	Carport	24ft	26ft	Add 4"-6" per end for overhang
	Lean-to	12ft	11' 2"	Requires ledger on building

### Optional Accessory Items

Component	Parameter Description	Values	Comment
Non-Solar roof	Corrugated Steel Roof	29ga	Color Green
Greenhouse roof	Corrugated polycarbonate	90% Clear	25Vmp at 8A
Steel Roof PV	Steel Roof with integrated solar cells	220W 25Vmp at 8A	Color Green
	Dimensions	81" x 34" x 1" 22 ga.	35lbs (1.8lbs/sq. ft)
Traditional Solar Modules	Aluminium Frame	280W 31Vmp @ 9A	Silver Frame
	Dimensions	65" x 39" x 1.5"	41lbs (2.3lbs/sq. ft)
Solar Inverter	Microinverter	NEP 600	1 per 3 modules Steel Roof PV 1 per 2 modules Traditional Module
	String Inverter	ABB 3000W to 6000W	Accepts strings of 6 to 13 modules
	Daylight Inverter (AC output whenever sun shines) No Batteries required	1150W	Accepts 1500W of modules Includes 120VAC output receptacle
Ground Anchors	Cast Aluminium screw anchors	14" length	½" square drive, threaded head bolt included
	Cast Aluminium screw anchors	18" length	½" square drive, enlarged head
	Screw attach bracket	2"x4" or 4"	punched hole for 18" leadscrew
Warranty	Structural components	10 Years	Excludes finish treatment
	Solar Modules	20-25 years	Mfg Warranty, Varies by module type
	Solar Inverter	10 Years	Mfg. Warranty

### Pricing Table

Model #	Description	Comment	Price (+ tax)
Solar Port 12x20	Structural Frame Only 5 ft rafter spacing 3 ft putlin spacing 7 ft leg height	Include Legs, rafters purlins and foundations rails	\$2,199
Solar Port 24x26			\$4,199
Solar Side 12x12			\$1499

### Options Pricing Table

Config #	Power (Watts)	Description	Price (+ tax)
SPV-220	220W	Integrated Cells	\$399
Traditional 280	280W	Bolt-on Module & Frame	\$599 ea
Non-solar metal Roof	N/A	29 Ga. Green	\$ 2 per sq ft.
Corrugated Polycarbonate	N/A	90% clear	\$2.1 per sq. ft.
NEP-600 Microinverter	600W	Grid Tied	\$399 ea
ABB String Inverter	3000W-6000W	Grid Tied	\$0.75per watt
DayLight Inverter	1150W	Off-Grid, includes outlet	\$1599
14" Ground Screw	N/A	Aluminium	\$44.99
18" Ground Screw	N/A	Aluminium	\$54.99
Ground Screw Bracket	N/A	Galvanized	\$19.99
Mechanical Asembly	N/A	On-Site	\$2 per sq ft (Min \$800)
Solar Installation	N/A	Inverter and wiring	Custom Quote Only

Terms of Sale: 50% Deposit with order, 4-8 weeks lead time, EXW Jackson CA

Installation not included.  
 Purchaser is responsible to confirm requirements of local zoning and building code.  
 Manufacturer reserves the right to make changes to reflect updates or corrections.

Carport Datasheet 1a.docx