



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 (4 to 20 modules)**
- **Ready for standard Solar inverter**
- **Option: Daylight Inverter, off-grid, no batteries**
- **Traditional or Steel Roof PV solar panel options**
- **Designed to withstand 30lb snow load**
- **Rapid-Install Ground Screw option**



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. Manufacturers Warranty 10yrs on structural (except finish), 20-25 yrs on solar modules, 10 years on inverters.

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.

<Prices and specifications subject to change without notice>

Find out more



Sample of Carport Prices

Style	Entry Width	Depth	# of PV Modules S=Steel T=Traditional	Power (kW)	Leg Height	Price (Price after 30% tax credit)	Comment
Carport	10'	16'	---	---	6	\$2999	1) Allow 4-9"/overhang 2) If traditional solar modules are used power will be +25%
Carport	12'	20'	---	---	6'	\$3999	
Carport	12'	20'	7 S	1.5	6'	\$7,710 (\$5,397)	
Carport	12'	20'	14 S	3.1	6'	\$11,104 (\$7,773)	
RV Port	12'	40'	---	---	12'	\$7,839	
RV Port	12'	40'	14 S	3.1	12'	\$15,493(\$10,845)	
Carport	20'	20'	---	---	7'	\$5,816	
Carport	20'	20'	12 S	2.6	7'	\$12,126(\$8,489)	
Carport	20'	20'	24 S	5.3	7'	\$17,945(\$12,561)	
RV Port	20'	40'	---	---	12'	\$11,245	
RV Port	20'	40'	24 S	5.3	12'	\$23,947 (\$16,763)	
RV Port	20'	40'	48 S	10.6	12'	\$35,584 (\$24,909)	
Lean-to	10'	20'	---	---	6'	\$3,907	Requires ledger when attaching to non-carport building
Lean-to	10'	20'	12 S	2.6	6'	\$5,385 (\$3,769)	
Lean-to	10'	40'	---	---	11'	\$7,664	
Lean-to	10'	40'	24 S	5.3	11'	\$10,620 (\$7,434)	

Parameter Tables

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 eave braces
Component	Parameter Description	Values	Comment
Non-Solar roof	Corrugated Steel Roof	26ga	Color Green
Greenhouse	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
Solar Inverter	Dimensions	65" x 39" x 1.5"	41lbs (2.3lbs/sq. ft)
	Microinverter	NEP 600	1 per 3 modules Steel Roof PV 1 per 2 modules Traditional Module
	String Inverter	ABB 3000W to 7600W	Accepts strings of 6 to 13 modules
Ground Anchors	Daylight Inverter (AC output whenever sun shines) No Batteries required	1150W	Accepts 1500W of modules Includes 120VAC output receptacle
	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 4"	punched hole for 18" leadscrew