



SunnyCal Solar Cargo-1 is the newest innovation in solar, applied to the tried and true lightweight cargo containers. A cargo container can now become a powerful solar generating system for your home or business.

The Solar Carport features:

- **Rapid-Install Array Using Prefabricated Brackets**
- **Solar Array: 1.0kW to 3.5kW array (4 to 16 modules)**
- **Traditional or Steel Roof PV solar panel options**
- **Designs to Support Solar and Snow Load**
- **Frame design of two-inch, 14 gauge steel**
- **Ready for Standard Solar Inverter**
- **Option: Daylight Inverter, off-grid, no batteries**
- **Designed to withstand 30lb snow load**
- **Solar Array Shades Container to Reduce Heat Buildup**

***Base Prices Start at \$2,499 + tax***

### **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 Cargo-1 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 Cargo-1 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 Cargo-1 is 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 multiple container arrays.

### **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 Tables

Component	Parameter Description	Values	Comment
Frame Structure	2" 14 ga. square tube frame	Galvanized	Height above container 48" Slope: 2:8
	1.75" 14 ga. Module Support Rails		

Frame Dimensions	Width	Depth	Modules Type	Modules Capacity	Comment
Dimensions	8ft	20ft	Steel PV Roof	16 x 2	Assumes 24" overhang
			Traditional Module	6 x 2	

### Optional Accessory Items

Component	Parameter Description	Values	Comment
Steel Roof PV	Steel Roof solar modules	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
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

Model #	Description	Comment	Price (+ tax)
Cargo-1	Structural Array Frame for 20-Ft Container. Array 8'x20'	Include Legs and Foundations Rails (Solar Modules Quoted Separately)	\$2,499

Config #	Power (Watts)	Description	Price (+ tax)
Steel Roof PV-220	220W	Integrated Cells	\$399
Traditional 280	280W	Bolt-on Module & Frame	\$549 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
Mechanical Assembly	N/A	On-Site	\$2 per sq ft (Min \$800)
Solar Installation	N/A	Inverter and wiring	Custom Quote Only