



Using the Sun to Build a Better Generator™



# SUNTARP QUADFOLD

A large MilSpec foldable solar panel to power larger systems without sacrificing portability or ease of transport.

320W of portable solar power on durable canvas.

## BENEFITS

- ✓ As efficient per module as a traditional glass-framed solar panel at 40% of the weight
- ✓ Withstands vibrations and impacts that would break a traditional solar panel: even being stepped on or shot at
- ✓ Foldable tarp that can be tucked under the arm for easy carrying and can be set up in minutes
- ✓ 2.5x power density vs. thin film flexible panels
- ✓ Can be wired both in series and parallel as needed
- ✓ Military Grade Design, Materials and Approvals

## APPLICATIONS

- ✓ Mobile offices
- ✓ Communications (including wifi or satellite dish)
- ✓ PA Systems and lighting for outdoor events
- ✓ Charging batteries for power tools, including drones
- ✓ Situations where you need the maximum transportability and power for medium loads.



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# Specifications

SunTarp Version	QuadFold
Total System Watts (4 Modules)	320W (80W per Module)
Active Area Efficiency	19.4%
PMAX per Module	19.32V
Open Circuit Max per Module	23.08 Voc
Weight	24lb (11kg)
Dimensions (Open)	56"x90"x1" (142x229x3 cm)
Dimensions (Closed)	28"x45"x3" (21x114x8 cm)
Warranty	1-YEAR LIMITED MANUFACTURER'S WARRANTY
Testing Passed	UL 1703, IEC 61215/61730

## PERFORMANCE SPECS: NUE QUADFOLD - 4 x 80W modules - 320 WATTS

	4 modules in parallel	2 in series 2 parallel	4 modules in series	
	1S4P	2S2P	4S1P	
Open Circuit Voltage (Voc)	23.1	46.2	92.4	VOLTS
Short Circuit Current (Isc)	4.39	8.78	4.39	AMPS
Maximum Power Voltage (Vmp)	18.19	36.38	72.76	VOLTS
Maximum Power Current (Imp)	4.23	8.46	4.23	AMPS
Rated Power at STC (Watts)	320	320	320	WATTS
NUE product fit	12V systems	SunCases	<150V MPPT	