Solar Sizing Chart



This chart is designed to help you decide which solar kit is right for your application. With a few simple questions, sizing a solar charging system is easier than ever! Choose between a portable solar setup or a roof mounted solar kit to be sure you get the best solution for your needs.

Size of RV		# of Batteries	Recomended Kits for Weekend Getaways		Recomended Kits for Longer Off-Grid Stays		
Small		10'-14'	1 12-Volt	40-Watt Portable	80 or 100-Watt Roof Mounted Deluxe Kit	80-Watt Portable	1 OO-Watt Roof Mounted Deluxe Kit
		15'-20'	1-2 12-Volt	80-Watt Portable	100-160-Watt Roof Mounted Deluxe Kit	120-Watt Portable	160-Watt Roof Mounted Deluxe Kit
Medium		21'-30'	2 12-Volt	120-Watt Portable	160-Watt Roof Mounted Deluxe Kit	160-Watt Portable	160-Watt Roof Mounted Deluxe Kit and 160-Watt Expansion
		31'-40'	2-4 12-Volt	160-Watt Portable	160-Watt Roof Mounted Deluxe Kit and 160-Watt Expension 320 Total Watts	160 or 200 Watt Portable	160-Watt Roof Mounted Deluxe Kit and 2x 160-Watt Expansions 480 Total Watta
Large		40'+	4-8 6-Volt	2x 200-Watt Portable	160-Watt Roof Mounted Deluxe Kit and 2x 160-Watt Expensions 480 Total Watts		640-Watt Roof Mounted Deluxe Kit and Optional Expansions 840-980 Total Watta

^{*}Solar Sizing chart is based on optimal sun and charging conditions. Many variables may alter performance including sun-hours per day, weather, solar panel positioning, etc. To power AC appliances a pure sine wave inverter is required. To see inverter sizes please refer to pg 7. Some larger solar kits may require aditional battery banks for optimal efficiency.