## 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	45-Watt Portable	90 or 115-Watt Roof Mounted Deluxe Kit	90-Watt Portable	115-Watt Roof Mounted Deluxe Kit
		15'-20'	1-2 12-Volt	90-Watt Portable	115-170-Watt Roof Mounted Deluxe Kit	140-Watt Portable	170-Watt Roof Mounted Deluxe Kit
Medium		21'-30'	2 12-Volt	140-Watt Portable	170-Watt Roof Mounted Deluxe Kit	180-Watt Portable	170-Watt Roof Mounted Deluxe Kit and 170-Watt Expansion <b>340 Total Watts</b>
		31'-40'	2-4 12-Volt	180-Watt Portable	170-Watt Roof Mounted Deluxe Kit and 170-Watt Expansion <b>340 Total Watts</b>	180 or 230 Watt Portable	170-Watt Roof Mounted Deluxe Kit and 2x 170-Watt Expansions <b>510 Total Watta</b>
Large		40'+	4-8 6-Volt	2x 230-Watt Portable	170-Watt Roof Mounted Deluxe Kit and 2x 170-Watt Expansions 510 Total Watta		680-Watt Roof Mounted Deluxe Kit and Optional Expansions 680-1,020 Total Watta

<sup>\*</sup>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.