

# How many watts of solar energy should be used for RVs





## Overview

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How much Solar do I need for my RV?

The most accurate method of determining how much solar you need is actually to monitor/measure your RV's power usage. 12V DC Power Usage For 12V DC power usage, you can install a battery monitor. It should give you accurate readouts for the amount of power you use during a day or a camping trip.

How do I calculate my RV solar power needs?

The first step to calculate your RV solar power needs is to sit down and in your head, go through an average day. Think about all the electric-powered things you use, and make a list. A spreadsheet would be a good place to make this list because it will be easy to add up the total and handy to reference later.

How much solar power do you need for a camper battery?

A 300 amp-hour camper battery, for instance, would need around 300 watts of solar power. Also keep in mind that solar panels experience a 75-90% drop in efficiency on cloudy days, so it's good to have slightly more than you need when it comes to solar power (about a 20% cushion, if possible, to account for less-than-ideal conditions).

What should I consider when planning my RV's solar power system?

You'll also want to consider how many square feet of interior space you've got in your RV, where you tend to travel, and more. Let's take a quick look at some of the things you'll want to consider when planning your RV's solar power system.



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several ways to calculate those needs, but you have to consider various factors based on your particular RVing style. In determining how many solar panels will be ideal for your RVing lifestyle, you need to look at everything from your average daily energy use. See more on [thervgeeks](#) RV Inspiration

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