



# What to do if the solar panel is too big

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Solar panels don't perform nearly as well under clouds as they do in direct sunlight, much like a car driving at 10mph rather than 60mph. In cloudy conditions, oversizing comes into its own.

Discover the benefits and considerations of oversizing your solar panel system. Learn how to optimize energy production and maximize your investment.

Can a solar panel system be too big? Yes. Our 2025 guide explains why an oversized system wastes money, the risk of "clipping", and how to size it perfectly.

Installation of solar panels should be efficient, so their physical size can be an issue. You want to be able to put as many panels as possible in the least amount of space.

While panel oversizing is a valid technique to optimize a well-placed array, it is not a remedy for poor solar panel siting. A thorough site assessment that accounts for orientation, tilt, and ...

Learn why "oversizing" your solar array isn't just safe - it's actually the smart choice! In this video, we break down the science behind STC vs. NMOT ratings and why your 10kW solar system...

There are a few cases in which you might want to oversize (or undersize) your solar panel system relative to your electricity consumption. Did you just buy an electric vehicle for the first ...

In fact, one should oversize their solar system if possible because oversizing solar panels allow for balancing out lost production. Due to high temperatures and variable available sunlight, ...

For most people, the answer is no, but there are certain situations where it's a good idea to install a larger system than you currently need. Read on to learn why you should and should not ...

So ultimately should I bite the bullet and buy a 400 watt solar panel that falls comfortably within the power



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ranges and still gives the required charge comfortably.

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