

# Can the current levels of solar panels be mixed





## Overview

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Should you mix solar panels?

If you're thinking about mixing solar panels, here are some practical tips: When panels have different wattages but the same voltage, they work much better together in parallel. For series connections, panels with the same current (even if wattages differ) work best together.

Why should I mix different types of solar panels?

Space Limitations: Some roofs or installation areas may have space constraints, making it difficult to install a sufficient number of larger panels. Mixing panel types can help maximize energy generation within limited space. Optimizing for Different Conditions: Certain panel types perform better in specific weather conditions or orientations.

Can you mix polycrystalline and monocrystalline solar panels?

Yes, you can mix monocrystalline and polycrystalline together. If they have the same voltage or current, you can put them in series or parallel for best results. Refer to this article to know more if you need to wire panels in series or parallel. Can I add different solar panels to my system?

Yes, you can.

What are the characteristics of a solar panel?

These are current and voltage. As previously mentioned, when we connect solar panels in series, the voltage gets added up. When we wire multiple solar panels in parallel, the current gets added up. Now, how can we use these characteristics to our advantage when we are mixing solar panels?



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