

## How many inverters are needed for solar panels



### Overview

There are three types of inverters available: the string inverter, the power optimizer, and the micro-inverter. You would only need one inverter when using string or power optimizers, but using micro-inverters doesn't require a standalone one. You would need to purchase an inverter that matches the output of your solar array, so if you have a 6000W (6kW) system, your inverter would need to be rated at 6000W. You can connect inverters in parallel to double the wattage (power) or in series to increase the voltage. You could do this if you have several smaller inverters that you want to connect.



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