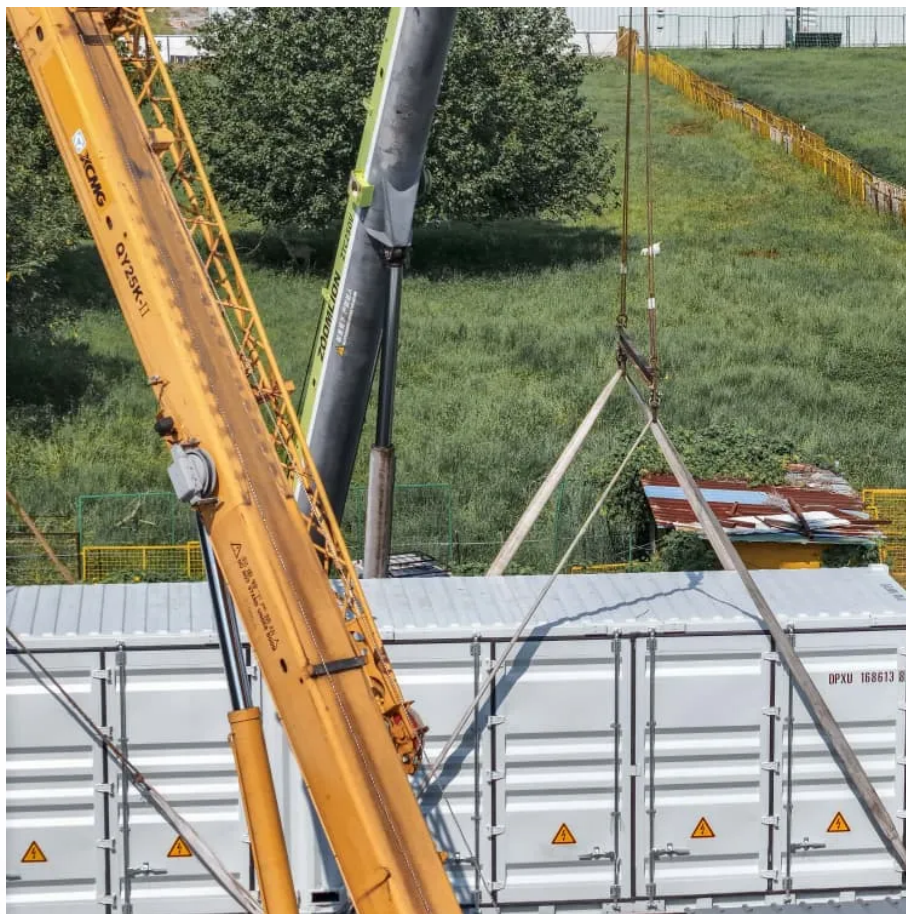


# Can 6kw use inverter





## Overview

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Can a 6.6kw Solar System be paired with a 5kw inverter?

It is quite common for a 6.6kW solar system to be paired with a 5kW inverter. By oversizing the panels, you can maximise energy output and overcome the efficiency losses associated with rooftop solar panels. The price of a 6.6kW system with a 5kW inverter is the same as for a 6.6kW system, expect to pay between \$5,500 - \$8,000.

Is a 6 kW inverter worth it?

The combination of these two things means that it's probably not worth your while having a system at 6 kW. A 5 kW inverter will be the most cost effective. And the extra 1 kW of panels means that you'll get best use out of your inverter - it will spend more time running at its peak output.

Should you buy a 6kW string inverter?

If you're looking to free yourself from electric bills and your energy usage is in the medium range, this could be the system for you. This 6kW string inverter kit requires up to 345 square feet of space and generate 400 to 1,000 kilowatt hours (kWh) of alternating current (AC) power per month.

What is the surge requirement for a 6kW inverter?

For a 6kW inverter, the surge requirement is  $12,000 \text{ Watt} * 1/48 \text{ volt battery bank} * 1/0.4 \text{ maximum surge current} = 625 \text{ AH @ } 48 \text{ volt battery bank}$ . Keep in mind that your battery bank requirement for 2 days of battery use and 50% maximum discharge is 10 times the surge requirement.



## Can 6kw use inverter

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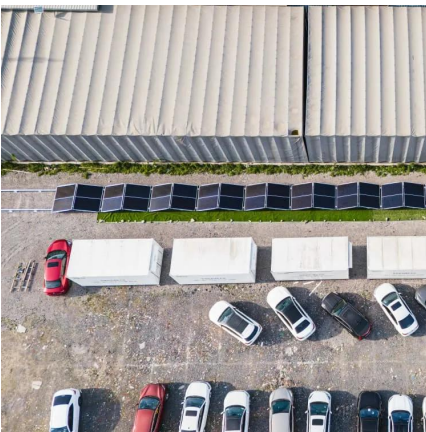
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