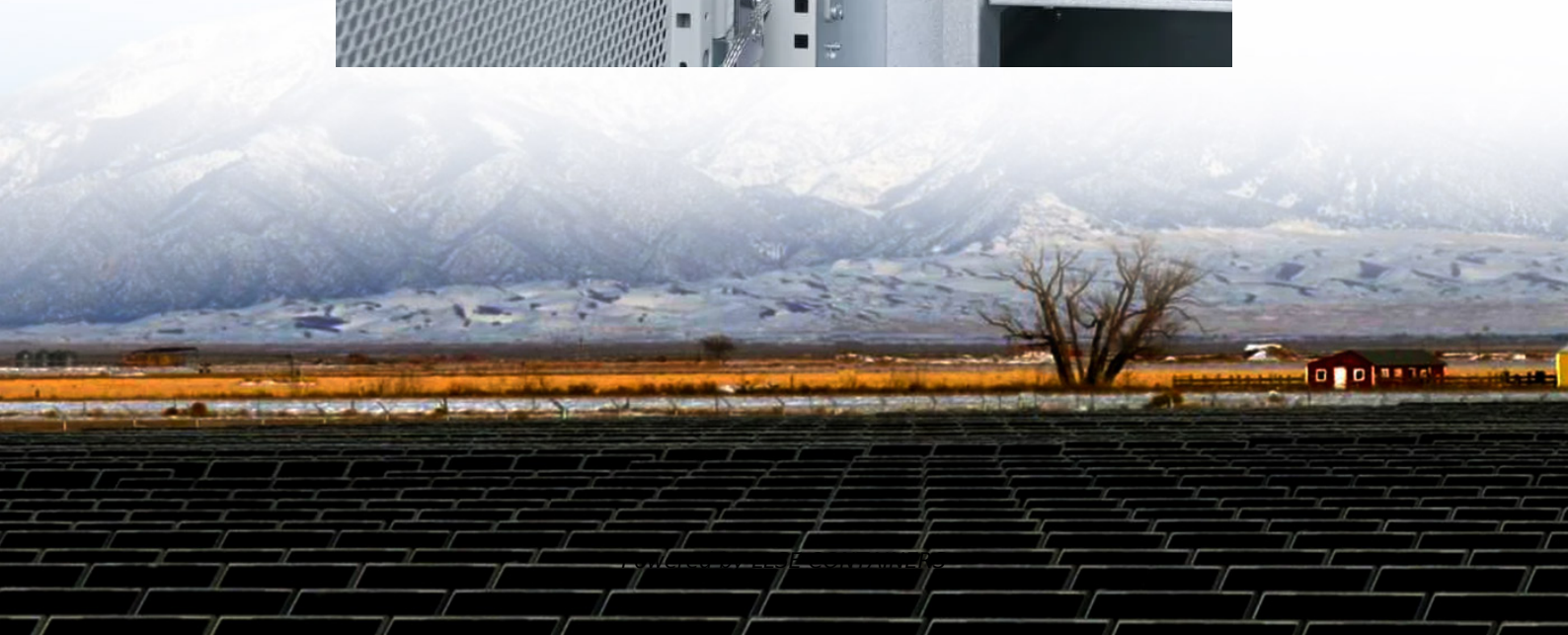


# **Rooftop solar system generates 10kw for home use**





## Overview

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Should I get a 10kW solar panel system?

When you're thinking of getting a solar panel system, you want to ensure it matches your home's requirements. A 10kW solar panel system is a great choice if you have a high-consumption household – or if you can afford to maximise your investment by using more roof space.

What is a 10kW Solar System?

You might also see a 10kW solar panel system referred to as a 10kWp (kilowatt peak) system. In this context, there's no difference between the two. How many solar panels are in a 10kW system?

The number of solar panels in a 10kW system depends on the power rating of the panels themselves.

How much roof space does a 10kW Solar System need?

You will need between 440 and 475 square feet of roof space to accommodate a 10kW solar system. Depending on where you live, a 10kW solar system will produce anywhere from 11,000 to 15,000 kWh per year, which is enough to cover the average American home's annual energy consumption.

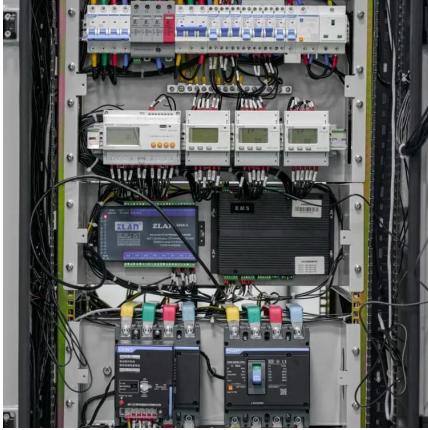
How much power does a 10kW solar panel produce?

A 10kW solar panel system has a peak power rating of 10 kilowatts, which means it'd generate 10,000 kilowatt-hours (kWh) of electricity per year in standard test conditions. These conditions include a cell temperature of 25°C and solar irradiance of 1,000W per square metre (m<sup>2</sup>), and is how every manufacturer checks its solar panels' abilities.



## Rooftop solar system generates 10kw for home use

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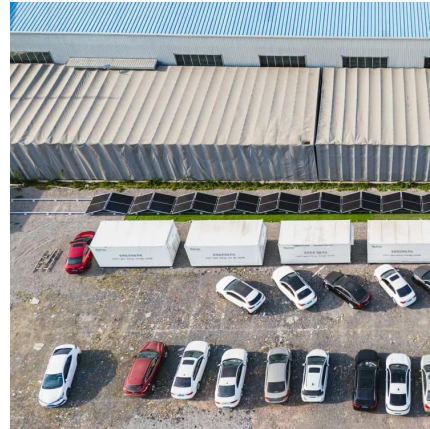
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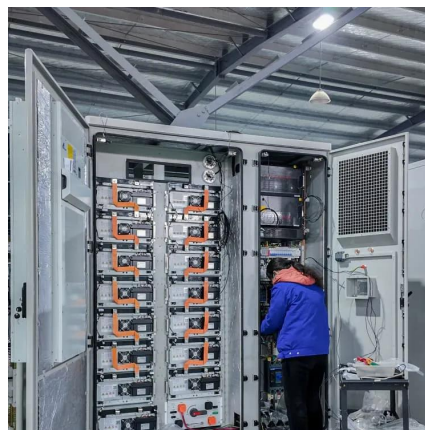


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