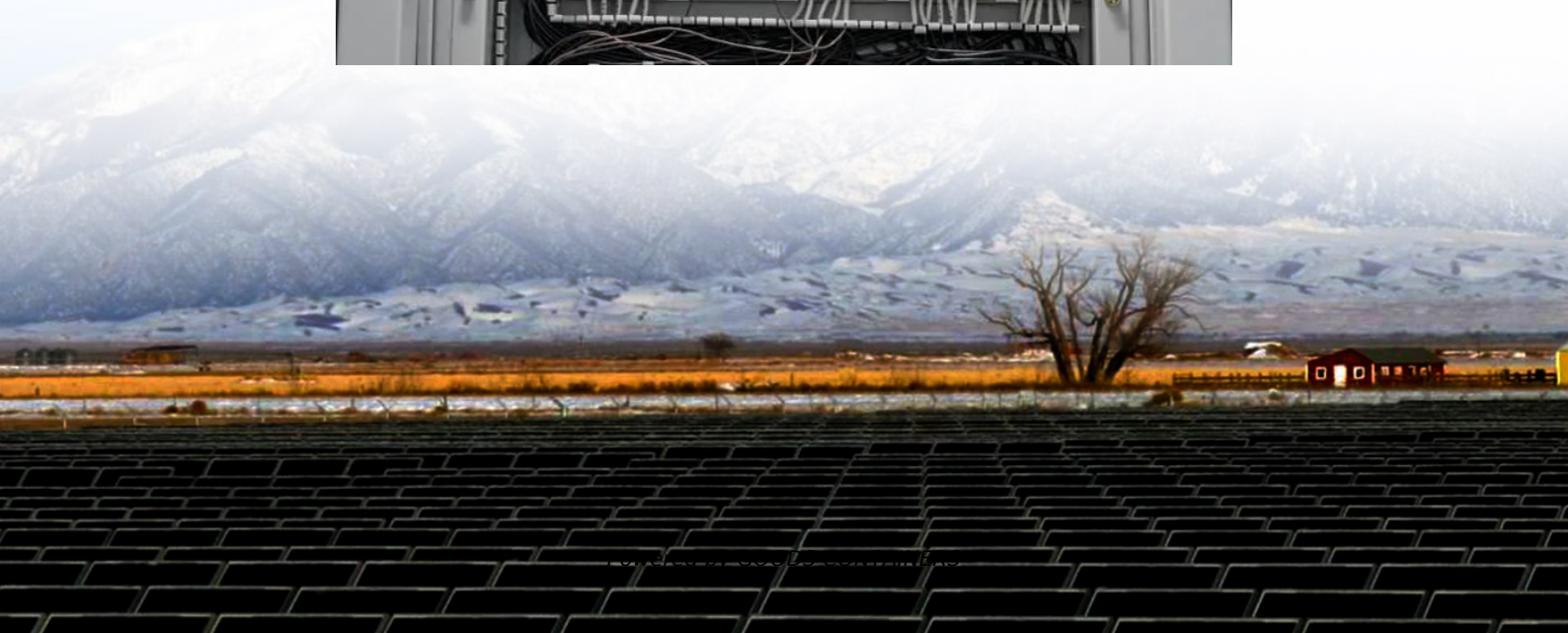


# Can solar panels be used as roof insulation





## Overview

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Do rooftop solar panels provide insulation?

One of the most common questions is whether a rooftop solar array can help with the roof's insulation. The answer is that rooftop solar panels do provide a degree of insulation. Let's find out why. The diverse climate of Australia ranges from scorching summers to chilly winters.

Can a roof be used under solar panels?

At the end of their lifetime, they can be recycled and used to create new products. ROCKWOOL has many roof products well-suited for use under solar panels, consistent with local regulations and building circumstances. That means we can help you find the best solution for your needs.

Do solar panels need insulation?

As mentioned, solar panels generate energy by harnessing sunlight. However, their efficiency can be affected by extreme temperatures. This is where insulation comes into the picture: Temperature regulation: Insulation helps stabilise indoor temperatures, reducing the strain on heating and cooling systems.

How do rooftop solar panels work?

Much of the heat absorbed by your rooftop solar panels is removed by a convection current, which is air movement in the space between the panels and the roof. As air travels between the solar panels and roof materials, the heat is minimised. This leads to reducing the overall temperature of the roof cooling your home.



## Can solar panels be used as roof insulation

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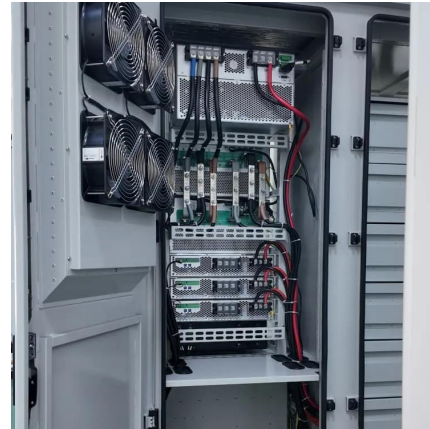
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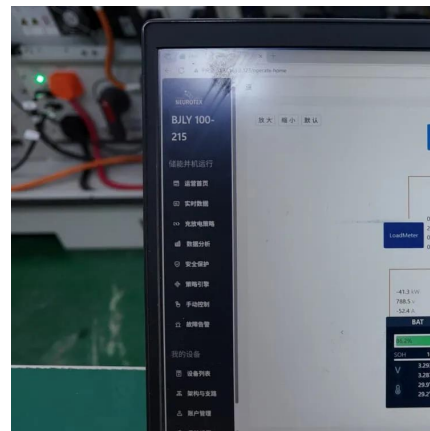
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