

# **Solar Onsite Energy Which way are the solar panels facing**





## Overview

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What is solar panel orientation?

Solar panel orientation refers to the placement, direction, and angle of solar panels, specifying the cardinal direction the panel faces, which helps it receive direct sunlight throughout the day. The cardinal directions are the north, south, east, or west, and they depend on your location and the path of the sun.

Which direction should solar panels be oriented?

The panel should be oriented toward the direction that receives the most sunlight, which is typically south in the Northern Hemisphere and north in the Southern Hemisphere. The direction of your solar panels is an essential consideration in determining the best orientation for your solar panels.

How does solar panel orientation affect energy production?

Solar panel orientation directly impacts energy production through three primary mechanisms: the amount of direct sunlight panels receive, shading interference from surrounding objects, and the angle at which sunlight strikes the panel surface. The direction your panels face dictates how many hours of peak sun they receive.

How do I determine the best orientation for my solar panels?

To determine the best orientation for your solar panels, you must take into account key factors, which include the direction, angle, and efficiency of the panels. Direction refers to the cardinal direction that the solar panels face, whether north, south, east, or west.



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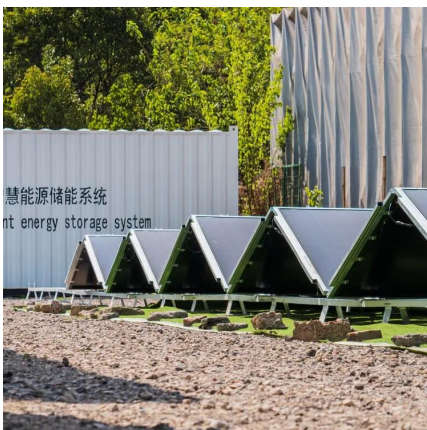
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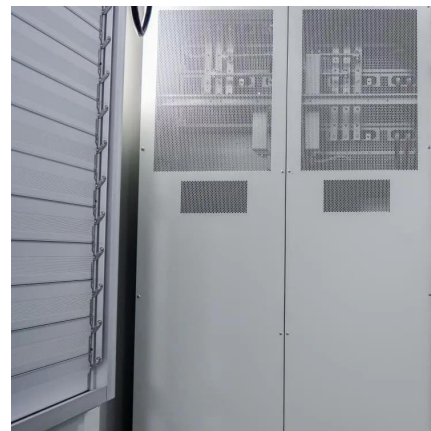
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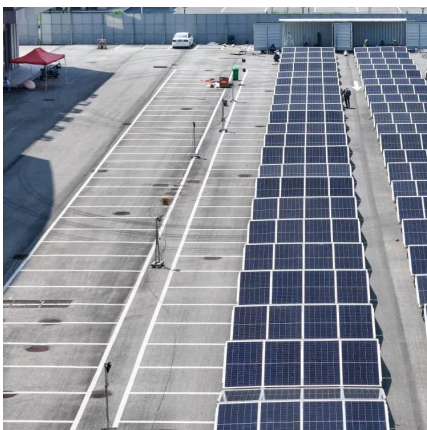
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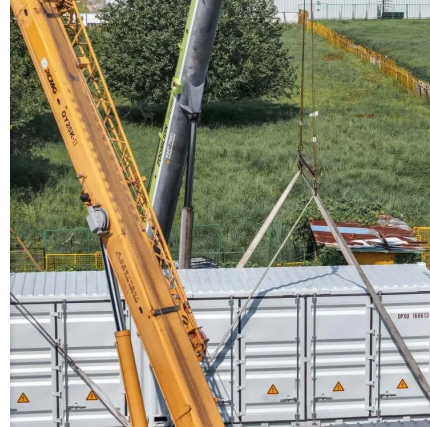
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