

# Indonesia Surabaya High Temperature Solar System





## Overview

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What is the average solar energy output in Surabaya Indonesia?

Average 5.58kWh/day in Autumn. Average 5.62kWh/day in Winter. Average 5.88kWh/day in Spring. To maximize your solar PV system's energy output in Surabaya, Indonesia (Lat/Long -7.2484, 112.7419) throughout the year, you should tilt your panels at an angle of 8° North for fixed panel installations.

Can solar panels be installed in Surabaya?

The climate in Surabaya is tropical, with high temperatures and humidity throughout the year, making it quite suitable for solar PV installations. However, considering the dense urban development in Surabaya city itself, large-scale solar PV installations might be challenging due to space constraints.

Is Surabaya a good location for solar power generation?

Surabaya, East Java, Indonesia, located in the tropics, is a very suitable location for solar power generation throughout the year. This is due to its consistent sunlight exposure and tropical climate characterized by wet and dry seasons.

What is solar PV output in Indonesia?

Seasonal solar PV output for Latitude: -7.2484, Longitude: 112.7419 (Surabaya, Indonesia), based on our analysis of 8760 hourly intervals of solar and meteorological data (one whole year) retrieved for that set of coordinates/location from NASA POWER (The Prediction of Worldwide Energy Resources) API: Average 4.99kWh/day in Summer.



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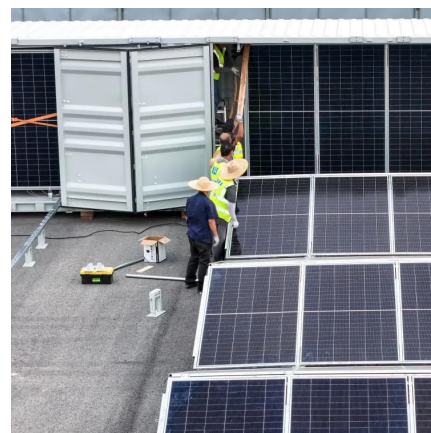
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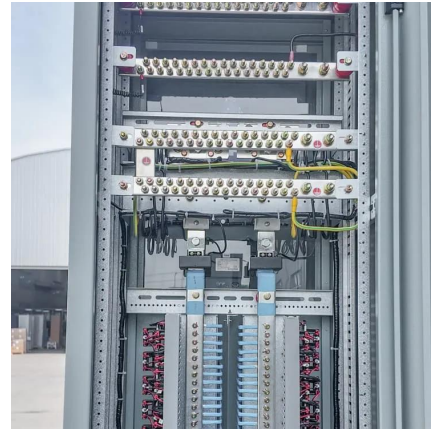
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