

## A-Core Container

# Is it good to install solar power generators in Indonesia



## Overview

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By installing solar energy system, users can reduce electricity bills by up to 40%, depending on system capacity. On an industrial scale, the savings can reach billions of rupiah annually. Does Indonesia have a potential for solar energy?

Cirata Reservoir floating solar power plant. Source: Solar Industry Indonesia has significant potential for solar energy. However, it has remained largely untapped. The country's 2030 and 2060 decarbonisation goals heavily rely on the industry's rapid expansion. The capacity of solar energy in Indonesia is steadily climbing.

Why should Indonesia invest in solar power plants?

The growth of solar power plants in Indonesia represents a critical step towards a sustainable energy future. With its immense solar potential, strategic locations for solar installations, and strong government support, Indonesia is transforming its energy landscape.

How Indonesia is pandering to solar energy development?

The Indonesian government has introduced several policies to pander to solar energy development, such as the feed-in tariff system and investment tax allowances. These policies aim to make solar energy projects more attractive to potential investors by ensuring stable revenue sources for solar energy developers (MEMR, 2021).

Can Indonesia harness solar energy?

While solar energy capacity is increasing in Indonesia, the current installed capacity is just a fraction of the potential capacity of solar power development. As a nation that straddles the equator, it gets direct, high-intensity solar irradiance, putting it in an ideal position to harness solar energy.

Are there incentives for businesses to install solar energy in Indonesia?

Yes, there are several incentives for businesses wanting to install solar energy in Indonesia. The Indonesian government has implemented a number of policies and programs to encourage the adoption of renewable energy sources such as solar power. These include tax exemptions, subsidies, feed-in tariffs, and other financial incentives.

Can solar power be a solution to Indonesia's electricity crisis?

The demand for electricity in Indonesia continues to increase, which is 10% - 15% per year, but the construction of power plants is still lacking. As the impact, PLN performs rotating blackouts, which of course, harm consumers. Using a solar power generation system (PLTS) can be a solution in dealing with the threat of an electricity crisis.

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