



Singapore solar panels

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Solar panel systems in Singapore are gaining traction as the most viable energy source in the renewable energy transition. With our limited land space and sunny, tropical climate, solar is an ideal energy source on rooftops and even reservoirs. Since the energy crisis and surge in electricity tariffs in 2022, installing solar panels in Singapore is becoming an increasingly effective cost-saving alternative.

Solar panels are often perceived as only something for people who care about the environment. To the contrary, the main reason many people get solar is for the financial benefits! With a lifespan of at least 25 years, solar is an investment that pays for itself within just 6 to 8 years with electricity bill savings.

Climate change is a critical issue that continues to threaten us every day. We emit an ever-increasing amount of harmful carbon dioxide and greenhouse gases. Solar generated electricity helps to decarbonise our energy grid and doesn't depend on a depleting natural resource.

In his 2022 May Day Rally speech, PM Lee Hsien Loong spoke about the impact of soaring energy prices on Singapore and its people. With the Russia-Ukraine war, increasing demand for electricity and a lack of electricity alternatives, household electricity costs will only rise.

On the other hand, solar electricity is getting cheaper and cheaper. Did you know that the cost of solar globally has declined by 89% in the last 10 years? People often think solar is expensive but it is actually the cheapest form of electricity generation now. This is in large part due to more efficient technologies and lower costs as solar becomes more popular.

You can even enjoy lucrative financial incentives for solar in Singapore. Considering all this, there's no better time to begin switching to solar and saving money on your electricity bills!

This depends on the size of your solar system and household electricity consumption. Some solar homeowners can absolutely spend \$0 on electricity every month after going solar. In fact, on a sunny day, you can even generate more electricity than your house needs, and sell the excess electricity to the grid to turn a profit! Read our guide to learn how solar panels work to power your home!

A cool example of how your electricity bill could look like with solar

In fact, we have quite a number of solar homeowner testimonials under our belt who can attest to the practicality of powering your home with solar panels.

To figure out how many solar panels you need, start by multiplying how much energy your home uses per hour by the peak sunlight hours where you live. Then, divide that by the wattage of a solar panel. For example,



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if you want to generate 11,000 kWh of electricity per year, you might need anywhere from 17 to 42 panels, depending on their wattage.

When there is sunlight, your home will first consume the solar energy generated by your system for power, and automatically draw electricity from the grid if your energy consumption exceeds what is generated.

At night, when your system is not generating energy, your house will tap on power from the grid like usual and you'll not experience any electrical outages. The end result? You save on electricity since you consume much less from the grid.

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