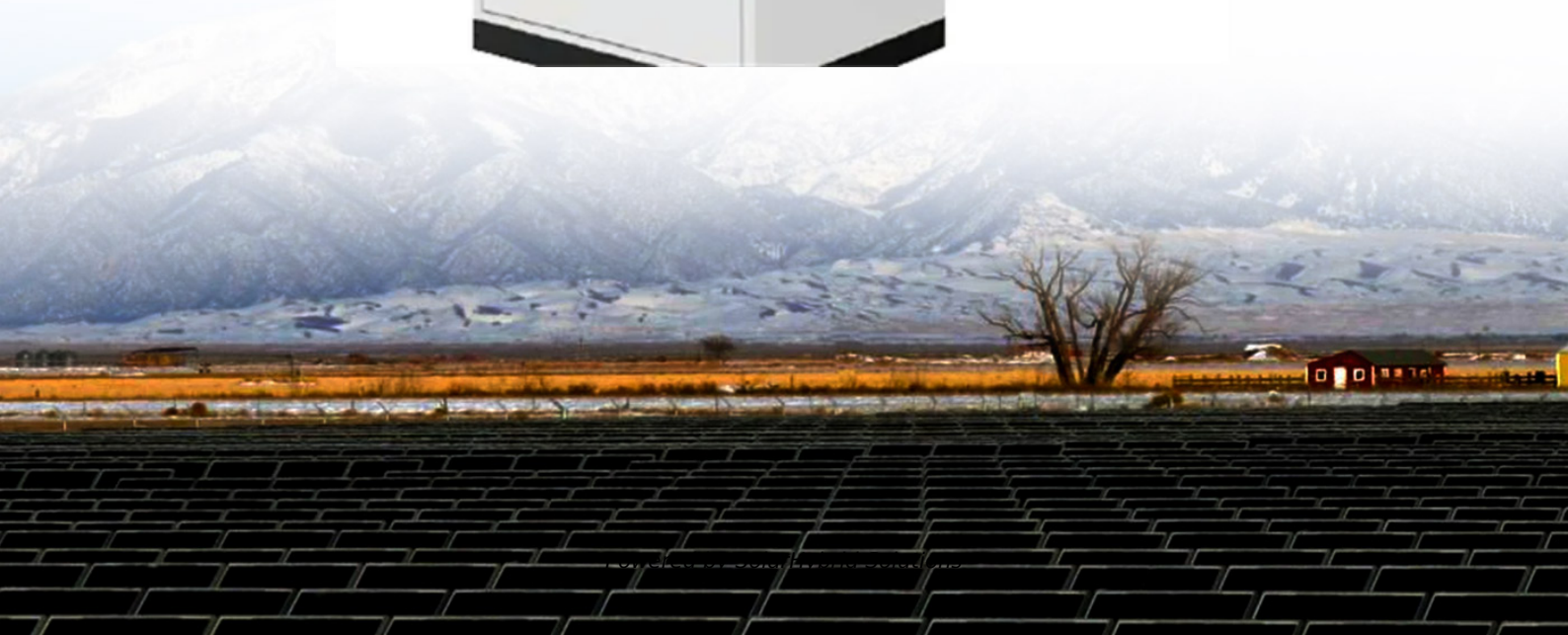


Solar power system prices in Switzerland





Overview

In 2021, Switzerland's photovoltaic (PV) installations increased to 685 MWp from 475 MWp in 2020. The Federal Energy Act, revised and effective from January 1, 2018, changed the support scheme for PV systems: it extended the one-time investment subsidy to all sizes of PV systems, ranging from 2 kW to 50 MW. Additionally, in 2022, the investment subsidy formula was updated to encourage investments in larger PV capacities and more efficient use of rooftop space.

A normal solar power system for an average single-family home in Switzerland costs around CHF 15,000 after subsidies and tax savings. A solar power system is an investment that usually pays off and can generate profit over the entire service life of 30 years. How much does a solar panel cost in Switzerland?

For a standard villa with a panel surface area of 50 m² and a 10 kWh battery, the average price is around CHF 22,000, after deduction of subsidies and tax allowances. How long does it take to recoup your initial investment in a solar system?

What are the advantages of a battery-powered solar system for my home in Switzerland?

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How much solar energy does Switzerland generate?

In 2022, Switzerland derived 6% of its electricity from solar power. Studies show that installing solar panels on mountaintops in the Swiss Alps could produce at least 16 terawatt-hours (TWh) a year, approaching half of the nation's 2050 solar energy target.

Can solar panels be installed in Switzerland?

Typically, solar panels in Switzerland are mounted on existing infrastructure like mountain huts, ski lifts, and dams, with larger-scale installations in the Alps remaining rare. On September 10, 2023, 54% of Valais voters rejected Alpine solar project proposals due to environmental and aesthetic concerns.



How many kilowatts does Switzerland generate a year?

Managed by Axpo, it generates about 3.3 million kilowatt hours annually, sufficient for 700 households. Switzerland's federal parliament amended the Energy Act in 2022 to expedite the approval process for new solar plants, reflecting a shift toward sustainable energy amid the country's nuclear phase-out.

How much solar power does Switzerland have in 2024?

As of 2024, solar power contributes 5.89 TWh of generation to the Swiss grid with the share of share of solar power in electricity generation has also increased, climbing from 0.1% in 2010 to 7.5% of total electric power generation. Switzerland has 7.79 GW of installed capacity, a notable increase from the 0.1 GW recorded in 2010.

How much does a Volta Swiss solar installation cost?

Case study of a Volta Swiss solar installation in the Lausanne region: 37.3 m² photovoltaic installation with 10 kW intelligent hybrid inverter and 10 kWh LiFePO₄ storage battery for a 3-person family villa, with air/water heat pump heating system, swimming pool and charging point for hybrid car. Total cost of installation CHF 25,400.00.



Solar power system prices in Switzerland



[Switzerland: Solar power share to break the 10 percent mark in ...](#)

The photovoltaic capacity installed in Switzerland at the end of 2023 was over 6,200 MW. This will enable solar power production of around 6 TWh for 2024. This means that the ...

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Solar power in Switzerland

OverviewSolar productionOppositionFeed-in tariffs 2009 (KEV)Energy Act 2017

In 2021, Switzerland's photovoltaic (PV) installations increased to 685 MWp from 475 MWp in 2020. The Federal Energy Act, revised and effective from January 1, 2018, changed the support scheme for PV systems: it extended the one-time investment subsidy to all sizes of PV systems, ranging from 2 kW to 50 MW. Additionally, in 2022, the investment subsidy formula was updated to encourage investments in larger PV capacities and more efficient use of rooftop space.

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[Solar energy systems: Will they pay off for me?](#)



Under Energie Schweiz, the Swiss Federal Office of Energy provides various online tools that enable you to calculate the individual costs and benefits of a solar energy ...

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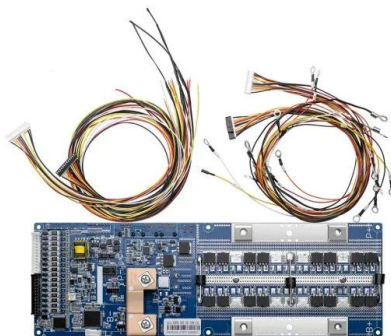
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[Solar batteries explained for the Swiss market](#)

Everything you need to know about adding battery storage to your solar PV system in Switzerland. This in-depth guide covers top brands, costs, sizing, subsidies, installation, ...

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[Demand for home solar energy storage rising in Switzerland](#)

Trade body Swissolar has called for a national energy storage strategy to support the rising popularity of home solar-plus-battery systems in the country.

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[Solar modules cost less and less. The reasons.](#)

Prices have been in free fall since around the beginning of 2023 and are constantly reaching new record lows (see Chart 1) - and that for a form of power generation that has ...

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[Switzerland solar calculator - calculate costs, yield & CO2](#)

With the ewz solar calculator, you can calculate the costs, yield and CO2 reduction of your PV system, regardless of your location in Switzerland.

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Solar Price

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The cost of a PV system with a capacity of 9 to 11 kWp is approximately CHF 25,000 to CHF 30,000. The federal government and the cantons offer various funding programs to promote ...

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Calculate the costs, compatibility and energy efficiency of solar systems for your home. High-end Swiss analysis. free of charge non-binding quick online result

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Switzerland solar system power

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Solar power in Switzerland

In Switzerland, the price paid for solar energy added to the grid varies widely, ranging from less than 4 cents to as high as 21.75 cents per kWh in 2022 in one canton alone.

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SOLAR SAVINGS CALCULATOR Now you can accurately calculate your costs and long-term savings. Developed in Switzerland with our in-house engineers and backed by Younergy's data.

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