



MODERNIZATION SOLAR

Berlin 250 solar panels generate electricity





Overview

How much solar power does Berlin have?

According to the master plan study for the “Masterplan Solarcity Berlin”, the State of Berlin owns 5.4 % of Berlin’s buildings. Their roof surfaces account for 8.3 % of the solar potential (SenWEB 2019). On the public buildings in Berlin, there are 691 PV systems with a total installed capacity of 42.1 MWp (as of April 1, 2023).

How many photovoltaic systems are there in Berlin?

Compared to solar thermal energy, there are far more photovoltaic systems registered in Berlin. As of July 7, 2023, 20,985 systems were in place, with a total installed capacity of around 230 MWp.

What is solarzentrum Berlin?

To start tapping more into the potential of solar energy, both in the private and the public sector, the SolarZentrum (solar centre) Berlin was opened in May 2019. It is a component of the “Masterplan Solarcity”, which works as an independent advisory centre on the topic of solar energy (SolarZentrum Berlin, only in German).

Is solar energy a building block for Berlin's climate protection strategy?

The expansion of solar energy use is emphasised as a particularly important building block in Berlin's climate protection strategy, since, with over 560,000 buildings in Berlin, there are rooftops and house façades aplenty, unlike suitable wind power sites.



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[Berlin solar mandate drives rooftop PV installations](#)

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[2023 a record year for solar expansion in](#)

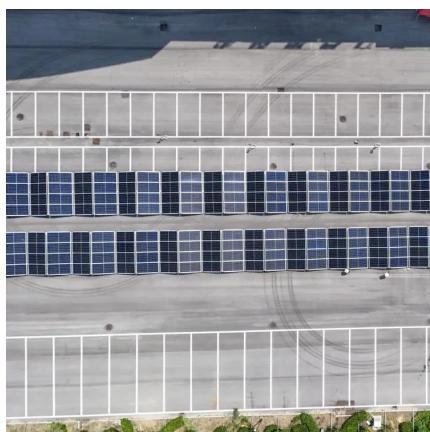
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Historic Solar Power Breakthrough in Berlin Sparks Renewable Energy

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Solar Systems 2023

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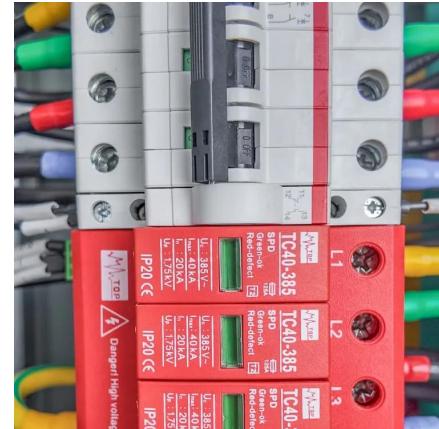
[Berlin Solar Expansion: New Plan to Reach 25% by 2035](#)

May 7, 2025 · Berlin Aims for Solar Surge: Masterplan Extended to 2030 Berlin is doubling down on its commitment to solar energy, extending its "Masterplan Solarcity" through 2030 with the ...



Germans turn to balcony solar panels to save money

Jan 8, 2025 · As snowflakes gently settled on his balcony solar panels on a cold winter's day, Berliner Jens Sax checked his smartphone to see how much electricity they were generating.



Berlin-Brandenburg is a pioneering region in the energy ...

Solar energy Photovoltaics (PV) makes an important contribution to supplying the capital region. With almost 3.0 kWp, Brandenburg now has the highest installed PV capacity per capita in ...



Massive Energy Breakthrough in Berlin: New Solar Plant ...

Nov 25, 2025 · Berlin, Germany - On June 25, 2024, Berlin unveiled its latest solar power plant, marking a significant step in Europe's renewable energy efforts. The new facility, located on ...



Smart Cities World

May 19, 2025 · The number of solar systems installed in Berlin and their total capacity have more than tripled since 2020. The plan defines a series of measures with the goal to produce at least ...



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