



# Vienna Building Solar System





## Overview

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In the future, the Vienna State Opera will use solar power for its building services, ventilation and corridor lighting. This power will be generated by a 100-kilowatt photovoltaic system installed on the opera house's roof by energy supplier Wien Energie. History meets modernity: the new solar installation on the roof of the Natural History Museum in Vienna. The modules are green instead of blue. A 100 kWp array of green PV modules blends with the historic copper roof, setting a new benchmark for heritage-safe solar design. Seen from the Opernring, the Vienna State Opera presents its unmistakable Neo-Renaissance façade: the open loggia facing the Ringstrasse, the 19th-century equestrian. Meeting future climate and energy challenges in urban environments requires solutions that combine and draw upon synergies from solar and photovoltaic technologies, "Green City" solutions and nature-based systems. By 2040 we aim to be emitting less greenhouse gases than our plants can absorb.



## Vienna Building Solar System



### ÖBB to Build Austria's Largest Urban Solar Panel System

According to the plans presented by ÖBB on Monday, the platform area will be completely roofed over, with solar panels covering an area equivalent to four football pitches, or 25,000 square ...

### Vienna's Westbahnhof railway station becomes a "solar power plant"

The plans for what the initiators claim will be the largest inner-city photovoltaic system to date were presented in Vienna on Monday. It will be built at Vienna's Westbahnhof station. The



50KW modular power converter



#### Flexible Configuration

- Modular Design, Expandable as Required
- Slim/Flush, V-Mount
- Installed in Parallel for Expansion



#### Powerful Function

- Support PV1500
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



#### Reliable Protection

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped

### Solar Energy Handbook

The BIPV system on the administrative building of TU Vienna is one of Austria's largest building-integrated PV systems. The modules are mounted on the building's facade, roof, staircase and ...

### Solar Energy Handbook

We aim to increase solar electricity production fivefold by 2025, and by 2030 some 530,000 Viennese citizens will be supplied with solar power made in Vienna. The roofs and facades of buildings and ...



## Weekly Topic: Austria: Combining a landmark historic building with

The building, which dates back to 1891, has been fitted with a solar energy system. The planners at ATB Becker from Absam in Tyrol have carefully integrated the new photovoltaic ...



## New PV System: Vienna State Opera Now Self-Supplies with Electricity

This is made possible by the new photovoltaic system of Wien Energie on the roof of the listed building.



## The Vienna State Opera Turns Green with Integrated PV Modules

In November 2025, 260 Silk Nova Green modules (totaling 100 kWp) were installed across approximately 500 m<sup>2</sup> of roof surface. The use of colour-adapted photovoltaics was meticulously ...



## [Solar façade for PANORAMA VIENNA -](#)



## model and flagship ...

The Climate and Energy Fund's Model and Flagship Project Photovoltaics funding program only supports PV systems that are characterized by particularly innovative approaches.



## Vienna State Opera gets PV system with green solar modules

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## Sustainable Building Made in Austria

Our comprehensive approach include state-of-the-art windows, doors, ventilation systems for passive houses, automatic biomass heating, solar systems, and rigorous building certifications, reflecting our ...





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