

# **How much does it cost to install photovoltaic panels on European roofs**





## Overview

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On average, a residential solar PV system in the EU can cost anywhere between €4,000 and €10,000 for a standard 3 to 5 kW system, which is typically enough for an average household. If you have a larger home or higher energy needs, you might need a bigger system, which could cost more. How much does a solar panel installation cost?

A complete solar panel installation typically costs an average of 3 000 to 5 700 euros, including installation costs and excluding VAT. The exact cost of your solar panels depends on factors such as the type of installation and the number of panels, while the number of panels you install depends on your energy consumption.

Is it worth installing solar panels on a slate roof?

This is 30% more expensive than the typical cost of a solar panel installation in the UK, which is £7,026. All the extra cost comes from the added labour and tools it takes installers to carefully remove, reshape, and replace the slate tiles, all without damaging them. However, it's still worth installing solar panels on a slate roof.

How long does it take to put solar panels on a slate roof?

Yes, it usually takes longer to put solar panels on a slate roof. Your installer will typically spend around five days to set up the solar panel system, compared to a standard installation time of one or two days for most roofs. A longer installation raises your costs, as we'll explain in more detail in the next section.

How much does a BIPV system cost in Europe?

Installing a BIPV system in Europe, costs in average 200€/m<sup>2</sup> to 625€/m<sup>2</sup>, delivering a ROI of 10 to 15 years. Depending on the cost for electricity, the final cost for the installation, location of PV plant and a few other factors, the payback time for BIPV can be reach 6 years.



## How long do solar panels last?

On average, you'll earn back the cost of your solar panels in eight years in Flanders and Wallonia. In Brussels, you can recoup the cost of your installation in five years because you can get 'green certificates' in addition to the savings you make. Read more about the yield of solar panels How many solar panels does the average household need?

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## Why should you install a photovoltaic system in your home?

Reducing electricity costs has been the biggest motivation to install a photovoltaic system in homes, not to mention the positive impact on the environment. By 2026, nearly 29.3 gigawatts will have been installed in Spain, making Spain the second country in Europe with the most solar power.



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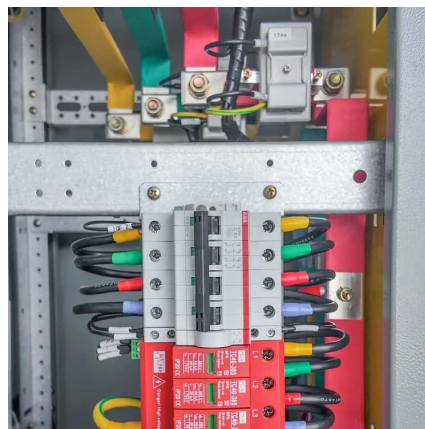


### [What Is the Cost of Solar System Roof in 2024 and Should You ...](#)

For a typical residential solar system, installation costs range from EUR500 to EUR3,000. Factors such as roof accessibility, the type of roofing material, and the need for additional ...

### [Solar Panels in Spain: everything you need to know before you ...](#)

The price of an installation is not only associated with the actual panel. We must also take into account labour costs, the rest of the parts (inverter or structure), and legal ...



### [Real 8kW Solar System Costs in Europe \(2024 Installation Prices\)](#)

In Europe, professional installation costs range from EUR2,000 to EUR4,000, varying significantly based on your location, roof complexity, and specific installation requirements.

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