

# **Solar air conditioning for buildings in Barcelona Spain**





## Overview

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How to save energy in Barcelona?

Citizens interested in energy saving have a line of action based on the use of wind and sun as natural resources. Apart from the promotion of solar energy in homes along with the adoption of the solar ordinance 15 years ago, in 2015 measures for using wind power in the context of the “Pla Estratègic de l’energia minieòlica a Barcelona.

How much energy does Barcelona use a year?

That is why Barcelona has a moderate energy consumption compared to other conurbations. The city currently consumes about 17,000 GWh year, of which 370 (2.17%) is already produced with renewable energy (solar energy and miniwind turbines among others) and waste-to-energy.

Why is energy important in Barcelona?

That is the reason why the city promotes renewable energy and encourages improving the environmental quality of the urban environment, focusing on areas such as noise, lighting or air quality. Energy and the way it is planned in Barcelona is defined by two adjectives: dense and Mediterranean.

Should you install air conditioning in Spain?

Summers in Spain can be extremely hot, and the high temperatures can take a lot of getting used to for expats, particularly those from cooler countries such as the UK. If you are considering installing air conditioning in Spain, knowing the types of systems available, their costs, and the latest regulations is essential.



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