

# **Solar with battery tender price in Spain 2025**





## Overview

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However, despite another wet year in 2025, price spreads have risen back to 2022 levels. This effect is due to an increase in solar supply alongside stable year-over-year demand. 5. Extreme negative prices are rare Until 2024, Spain had never experienced negative wholesale electricity prices.

The project will be hybridized with 770 kW of solar, inaugurated in December 2023, in a bid to stage clean energy sporting events. The General Directorate of the Gran Canaria Island Energy Council, in Spain, is tendering a EUR 1,463,757.30 (\$1.53 million) contract to install a 1 MW/1.73 MWh battery.

Renewable generation is hindered by declining prices, lack of access capacity tenders, and project financing challenges, but opportunities lie in PPAs, asset hybridisation with storage, and the approval of the Spanish capacity market. Traditional generation assets are under pressure from climate.

Spain is chasing something bigger; it's not only expanding solar energy, but also aiming for a future where energy is never depleted, following the unexpected blackout that affected every part of the country in April 2025. In just a few months, Spain has green lit more than 65 GW of solar projects.

Explore the current state of residential solar adoption in Spain in 2025. Learn about key challenges, incentives, and opportunities for homeowners looking to invest in solar energy. Spain is no stranger to sunshine—but in recent years, it's begun to fully harness that potential with a sharp rise in.

While total battery capacity installed alongside rooftop solar fell by 34% in 2024 to 327 MWh, a different trend is quietly reshaping the country's energy



landscape: 26% of newly connected rooftop PV systems now come with battery storage. This figure — representing 110 MWh of capacity — may not. What's happening in Spain's solar market?

Download the full report to stay ahead in this rapidly evolving market. With Spain's solar market remaining a crucial topic, don't miss your free ticket for Solar & Storage Live España 25-26 June 2025. Spain's solar energy sector has surged to 22.45 GW of capacity by early 2023, with ground-mounted solar farms driving 77% of new installations.

Is Spain scaling up solar fast?

Spain is scaling up solar fast — but the next challenge is making it last. Credit: mrganso from pixabay via Canva.com Spain is chasing something bigger; it's not only expanding solar energy, but also aiming for a future where energy is never depleted, following the unexpected blackout that affected every part of the country in April 2025.

What happens if solar prices go down in Spain?

When German prices reach -€150/MWh, Spain can't import enough energy to bring the price down. Economic curtailment: Most Spanish solar installations are large commercial projects with remote control capabilities. When prices become negative, solar operators stop generating.

Will solar panels power Spain around the clock?

Solar panels alone won't power the country around the clock. What Spain is not doing is racing to build the system behind the sunshine smart grids, storage, and energy does not vanish when the sun sets, so the new plan includes: You can see the change in where Spain puts its focus.

Why are solar and wind energy projects not a good investment?

These issues have resulted in lower-than-expected returns on investment, difficulties in project financing, and a decline in both M&A transactions involving renewable assets and their valuation, with solar energy production being more significantly impacted than wind energy projects.



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### [Residential Solar Adoption in Spain 2025: Challenges](#)

Explore the current state of residential solar adoption in Spain in 2025. Learn about key challenges, incentives, and opportunities for homeowners looking to invest in solar energy.

### [Spain's EUR700 Million Plan to Boost Energy Storage ...](#)

It targets large-scale energy storage projects in Spain. It focuses on technologies like standalone battery energy storage systems (BESS), pumped hydro energy storage (PHES), and thermal energy storage. The program ...



### **Global wind, solar, battery costs to fall further in 2025**

The global cost of clean power technologies will continue its fall into 2025, with wind, solar and battery technologies expected to experience additional drops of between 2% and 11%, BloombergNEF (BNEF) said on ...

### [BESS and LDES in Spain: opportunities and ...](#)

Battery Energy Storage Systems (BESS) play a pivotal role in supporting the wider adoption and integration of renewable energies (RE) around the world. As a result, the battery technology



market is booming with c.\$35B+ ...



### [European Market Outlook for Battery Storage 2025-2029](#)

European Market Outlook for Battery Storage 2025-2029 7 May 2025 The report explores trends and forecasts across residential, commercial & industrial (C& I), and utility ...



### [Solar Panels In Spain \(How Much Do They Cost\)](#)

Spain is famed for boasting more than 300 days of sunshine every year, which means that it is the perfect country to consider installing solar panels on your home. This is especially true given that the cost-of-living crisis ...



### [Spain's race for infinite solar power « Euro Weekly News](#)

Spain is chasing something bigger; it's not only expanding solar energy, but also aiming for a future where energy is never depleted, following the unexpected blackout that affected every part of the country in April 2025. In ...





### Gran Canaria launches sports arena battery tender for \$1.5 million

The General Directorate of the Gran Canaria Island Energy Council, in Spain, is tendering a EUR 1,463,757.30 (\$1.53 million) contract to install a 1 MW/1.73 MWh battery ...



### Spain Solar Market Report 2025

Spain's solar energy sector has surged to 22.45 GW of capacity by early 2023, with ground-mounted solar farms driving 77% of new installations. This report delves into the ...

### [Spain's solar sector reacts to latest auction results](#)

Spain is due to hold at least three more renewables auctions by 2025. Image: Hive Energy. Earlier this week the Spanish government published the results of the country's latest renewable auction



### Understanding solar battery costs: Guide for homeowners in Spain

In conclusion, while solar battery costs may seem daunting upfront, the long-term savings and environmental benefits make them a worthwhile investment for homeowners ...



### [A Guide To Installing Solar Panels In Spain](#)

In 2025, hybrid systems are gaining popularity as battery prices fall and energy self-sufficiency becomes more desirable. Why is Spain the ideal location for solar energy? ...

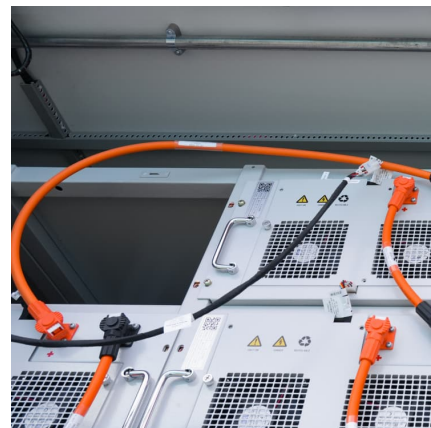


### [Comparative report - California and Spain Energy ...](#)

However, by 2023, Spain's spreads had surpassed California's, reaching 68 EUR/MWh due to higher gas prices in Europe and increased solar cannibalisation. Wider price spreads improve the economic case for battery storage, as ...

### [Spain's Solar Power Policy Framework: IEA Survey](#)

This is an extract from a recent report "National Survey Report of PV Power Applications in SPAIN 2023" by IEA. The targets for photovoltaic (PV) energy in Spain are outlined in the "Integrated National Energy and ...



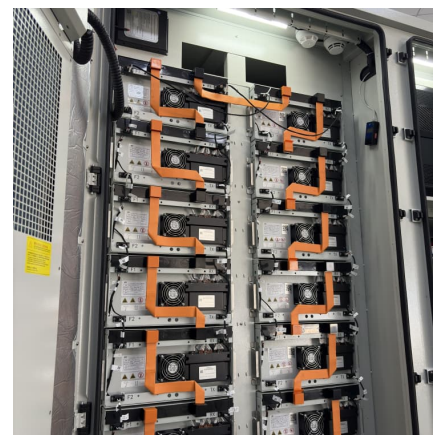


### **Spain tilts towards the sun with a EUR17 billion renewables ...**

Spain's solar market is experiencing significant growth, creating a wave of project and investment opportunities worth watching. With a combination of natural resources, ...

### [Call for applicants to Spain's EUR700m large-scale ...](#)

Standalone and renewables-plus-storage battery projects can apply for up to 85% co-financing, along with pumped hydro and thermal energy storage sites.

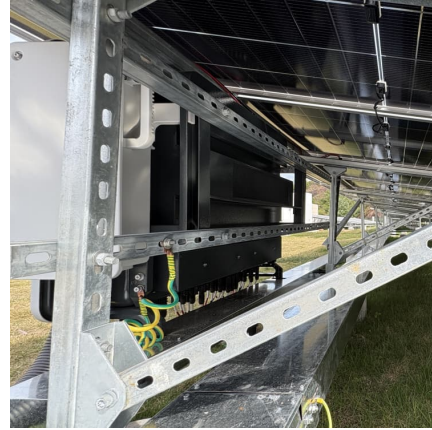


### **Spain - pv magazine International**

Magtel has secured a tender for a EUR500 million (\$586 million) 289 MW/2,554 MWh pumped hydro project in Spain that will be colocated with 229 MW of solar.

### [Key legal challenges and opportunities in Spain](#)

Renewable generation is hindered by declining prices, lack of access capacity tenders, and project financing challenges, but opportunities lie in PPAs, asset hybridisation with storage, and the approval of the Spanish ...



### [Solar Panels for Homes in Spain: Costs, Savings & Grants](#)

Solar panels for homes in Spain: Discover costs, savings, and grants in 2025. Redwood Solar makes switching to solar simple and affordable.



### [BESS Potential Market in Spain , PDF , Solar Power](#)

The document discusses the potential market for battery energy storage systems (BESS) in Spain. Key drivers of the BESS market in Spain include the growing solar and wind power markets, which are expected to reach 39.2 GW and 35.7 ...



### **Solar Batteries in Spain: Your 2025 Guide to Energy Independence**

Did you know Spanish households saw electricity prices surge 22% last winter? With grid instability and rising tariffs, solar batteries aren't just eco-friendly - they've become essential ...





### Canada set to surpass 2024 solar growth with rise in behind-the ...

2 ????· Canada is on track to deploy more solar in 2025 than it did in 2024, according to the Canadian Renewable Energy Association (CanREA), with behind-the-meter installations ...



### Framework for Solar Pv and Battery Installations In Conjunction ...

Framework for Solar Pv and Battery Installations In Conjunction With The West Yorkshire Combined Authority five.2) Award of contract/concessionV.2) Award of ...

### GIZ: Request for Expression of Interest (EOI)Supply and ...

11 ????· The exact Bill of Quantity (BoQ) will be provided after evaluation of the EOI to all shortlisted applicants. Tender procedure from invitation to tender until signing of contract is ...



### [Spain offers EUR 700m in aid for large-scale energy ...](#)

Spain's ministry for the ecological transition said on Friday it will allocate EUR 700 million (USD 799.4m) in grants through competitive tendering to support large-scale energy storage projects in an effort to improve grid ...



### Spain's race for infinite solar power « Euro Weekly News

Spain is chasing something bigger; it's not only expanding solar energy, but also aiming for a future where energy is never depleted, following the unexpected blackout that ...



### Spain's EUR700 Million Plan to Boost Energy Storage and ...

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### [TESLA signs a long-term PPA with Zelestra in Spain](#)

The 57 MWac PPA will be served with energy from solar projects with a capacity of 74 MWdc to be built in Spain Tesla and Zelestra, a global, multi-technology, customer-focused renewable energy company, have ...





### Iberia: Why are there no batteries in Spain?

However, despite another wet year in 2025, price spreads have risen back to 2022 levels. This effect is due to an increase in solar supply alongside stable year-over-year demand.

### **Energy storage to soar in Spain and Italy but questions remain**

Discussions at Nidec's stand at ees Europe 2025 in Munich earlier this month. Image: Nidec ASI via LinkedIn. Sungrow's stand at ees Europe in Munich, Germany learlier ...



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