

Average BESS price per 20kWh in Bulgaria



Overview

As of September 2024, the average price per kilowatt-hour is approximately 0.214436 BGN/kWh, excluding VAT (about €0.1). A standard apartment of 60-80 m² may incur electricity expenses ranging from €40 to €70 monthly, depending on consumption and season.

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With the electricity price today in Bulgaria you can save 1.18 € for each shower. The price of electricity can fluctuate a lot during the day and charging an electric car consumes a lot of electricity. With the cost of electricity today in Bulgaria it is 17.07 € cheaper to charge at the hours with.

Bul.

Prices include electricity/gas basic price, transmission, distribution, excise, VAT and others. The prices are calculated as a weighted average price by the actual supplied quantity of electricity/natural gas and their invoiced value of all end-customers for the reference period in the following 2.

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Electricity prices statistics for September 3, 2025 for electricity in Bulgaria. Electricity prices statistics for September 3, 2025 for electricity in Bulgaria.

Lowest spot price today is -5 ct/kWh in area BG1. Highest is 15 ct/kWh in area BG1. How much does it cost right now?

Detailed spot price on electricity hour by hour in Bulgaria today. Check how

much it cost to use electrical appliances with the current electricity prices in Bulgaria. How much does electricity cost in Bulgaria?

The average price of electricity since 2007 reached its maximum, €0.1192 kWh, in December of 2023 and its minimum price, €0.0711 kWh, in June of 2008. The difference between the price of electricity with and without taxes is € 0.0199 tax for each kilowatt hour, thus, 16.65% of what households pay for electricity in Bulgaria.

What is the lowest spot price in Bulgaria?

Lowest spot price today is -5 ct/kWh in area BG1. Highest is 15 ct/kWh in area BG1. How much does it cost right now?

Detailed spot price on electricity hour by hour in Bulgaria today. Check how much it cost to use electrical appliances with the current electricity prices in Bulgaria.

How much energy does a shower save in Bulgaria?

With the energy-saving shower, you can save up to 50% energy compared to standard shower heads. Or you can shower half the time. With the electricity price today in Bulgaria you can save 0.56 € for each shower.

What is the main source of electricity in Bulgaria?

Nuclear power is another major contributor to Bulgaria's electricity supply. The Kozloduy Nuclear Power Plant, operational since the 1970s, is a key facility in this regard. Its output significantly reduces the country's reliance on imported energy sources, providing a stable and substantial amount of Bulgaria's electricity needs.

How is the Bulgarian electricity market regulated?

The Bulgarian electricity market is regulated by national laws and policies, which align with European Union directives and regulations. Efforts have been made to liberalize the market, allowing for greater competition and private sector involvement, which is expected to lead to more competitive pricing and improved service quality.

What is Bulgaria's energy landscape?

Bulgaria's energy landscape is diverse, with a significant portion of its

electricity generated from coal. This fossil fuel has traditionally been a cornerstone in the country's energy mix, due to abundant local reserves. However, there has been a gradual shift towards renewable energy sources.

Average BESS price per 20kWh in Bulgaria



Electricity prices in Sofia

Europe Bulgaria Sofia ? Electricity prices ?? Sofia BG ? The latest energy price in Sofia is EUR 91.78 MWh, or EUR 0.09 kWh This is -8% less than yesterday. In Bulgaria 's ...

Global Power Storage Pricing: BESS Most Cost ...

Key View Battery energy storage systems will be the most competitive power storage type, supported by a rapidly developing competitive landscape and falling technology costs. We expect the price dynamics for ...



US-made battery storage to be cost-competitive with China in 2025

US-made battery energy storage system (BESS) DC container solutions will become cost-competitive with those from China in 2025 thanks to incentives under the Inflation ...

Utility-Scale Battery Storage , Electricity , 2023 , ATB , NREL

Base year costs for utility-scale battery energy storage systems (BESS) are based on a bottom-up cost model using the data and methodology

for utility-scale BESS in (Ramasamy et al., 2022).

...

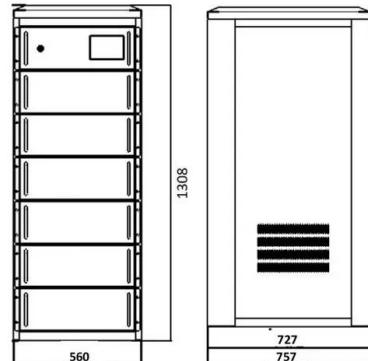


What goes up must come down: A review of BESS pricing

The Crimson BESS project in California, the largest that was commissioned in 2022 anywhere in the world at 350MW/1,400MWh. Image: Axium Infrastructure / Canadian ...

Electricity prices

Electricity prices - Bulgaria This table/chart shows the IBEX spot exchange prices for the Bulgaria bidding zone in the Day-Ahead market, using local time (Europe/Sofia)

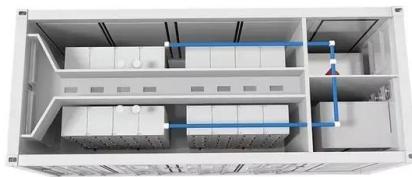


cost of bess per mwh

Investing into BESS A Goldman Sachs report from February 2024 indicates an average price of \$115 per kWh for EV batteries. However, these figures primarily relate to battery cells. Total ...

Electricity and natural gas prices

Electricity and natural gas prices
Electricity prices for final non-household customers
Electricity prices for household customers
Natural gas prices for final non-household customers
Natural ...



What goes up must come down: A review of BESS ...

The Crimson BESS project in California, the largest that was commissioned in 2022 anywhere in the world at 350MW/1,400MWh. Image: Axium Infrastructure / Canadian Solar Inc. Despite geopolitical unrest, the ...

Electricity prices

Electricity prices - Bulgaria - Today. Exchange prices do not include VAT, distribution and delivery fees. Day-ahead prices are published daily at approximately 13:15 CET.



The Lithium-ion Battery Market Sees Monumental Price Reduction

Global lithium-ion battery prices have plunged 20%, bringing prices below US\$100 per kWh for electric vehicles and energy storage systems, making EVs and BESS ...

BESS Prices in US Market to Fall a Further 18% in ...

In this Energy Storage News article, CEA forecasts an 18% price decline for containerized Battery Energy Storage System (BESS) solutions in the US by 2024, with 20-foot DC container costs reducing to an average of ...



Bulgaria Day Ahead Market average prices

Last 30 Days : 2025-08-04 - 2025-09-02 Day Ahead Electricity Market - average prices for Bulgaria Download Chart 2025 Year - Day Ahead Electricity Market - average prices for Bulgaria

? Electricity prices in Bulgaria

? Electricity prices ?? Bulgaria BG ? The latest energy price in Bulgaria is EUR 122.12 MWh, or EUR 0.12 kWh This is 9% more than yesterday. In Bulgaria 's local currency this ...

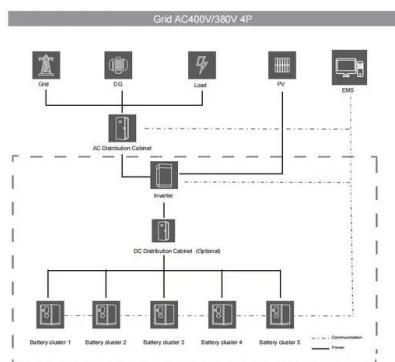


BESS market in the Netherlands

BESS unit prices in China, USA & Europe *DNV Capex prices of utility scale BESS projects with 4-hour duration. BESS unit prices include battery cells, racks, enclosure & PCS. This is ...

Commercial Battery Storage , Electricity , 2023 , ATB , NREL

The cost and performance of the battery systems are based on an assumption of approximately one cycle per day. Therefore, a 4-hour device has an expected capacity factor of 16.7% (4/24 = ...

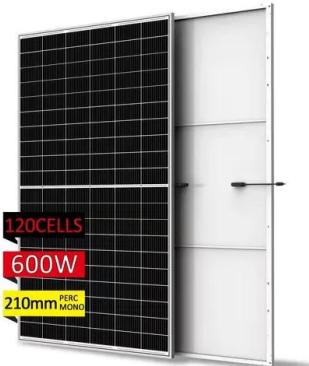


Current electricity prices in all areas of Bulgaria today

6 ???- Detailed spot price on electricity hour by hour in Bulgaria today. Check how much it cost to use electrical appliances with the current electricity prices in Bulgaria.

? Electricity prices in Bulgaria

? Electricity prices ?? Bulgaria BG ? The latest energy price in Bulgaria is EUR 101.50 MWh, or EUR 0.1 kWh This is 11% more than yesterday. In Bulgaria 's local currency this ...



Cost, shipping, energy density drive move to 5MWh ...

Clean Energy Associates (CEA) has released its latest pricing survey for the BESS supply landscape, touching on price, products and policy.

Residential Battery Storage , Electricity , 2024 , ATB

As with utility-scale BESS, the cost of a residential BESS is a function of both the power capacity and the energy storage capacity of the system, and both must be considered when estimating system cost. Furthermore, the Distributed ...



Example of a cost breakdown for a 1 MW / 1 MWh ...

Download scientific diagram , Example of a cost breakdown for a 1 MW / 1 MWh BESS system and a Li-ion UPS battery system from publication: Dual-purposing UPS batteries for energy storage functions

Table 1 . Costs Estimation for Different BESS ...

Download Table , Costs Estimation for Different BESS Technologies. from publication: Break-Even Points of Battery Energy Storage Systems for Peak Shaving Applications , In the last few years



Cost Projections for Utility-Scale Battery Storage: 2023 Update

Executive Summary In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration ...

How do the costs of battery energy storage systems ...

Battery Energy Storage Systems (BESS): Cost: The average cost of BESS ranges from \$400 to \$600 per kWh. Advantages: Li-ion batteries are widely used due to their efficiency and long lifespan, though they are more ...



Europe's battery storage profitability through PPAs in ...

Battery energy storage systems (BESS) are playing an increasingly pivotal role in global energy systems, helping improve grid reliability and flexibility by managing the intermittency of renewable energy. But ...



Electricity Prices for Bulgaria

4 ???· The pricing information displayed is sourced from ENTSO-E - the European Network of Transmission System Operators for Electricity. All prices are originally in Central European ...

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