

Bulgaria solar container battery power station





Overview

How big is Bulgaria's energy storage capacity?

A recent capacity tender has already allocated nearly 9,713 MWh to upcoming projects, further reinforcing the country's ambitions in energy storage. Before the commissioning of the Lovech facility, Bulgaria's largest BESS was a 25 MW / 55 MWh system developed by Renalfa IPP in 2024.

Will Bulgaria reach 10 GWh of battery storage capacity?

The new system also signals the beginning of Bulgaria's national plan to reach 10 GWh of battery storage capacity within the next year. A recent capacity tender has already allocated nearly 9,713 MWh to upcoming projects, further reinforcing the country's ambitions in energy storage.

Why is energy storage growing in Bulgaria?

Energy storage in Bulgaria is expanding rapidly as the government awards nearly 10 GWh of capacity to 82 projects, boosting renewable energy reliability and grid stability.

How big is Bulgaria's solar PV capacity in 2024?

At the close of 2024, Bulgaria's solar PV capacity had already reached 3.91 GW—an annual increase of over 1 GW. These developments come on the heels of Bulgaria's first renewable energy auction held in late 2024, where more than 3 GW of generation and 1.176 GW of storage capacity were secured.



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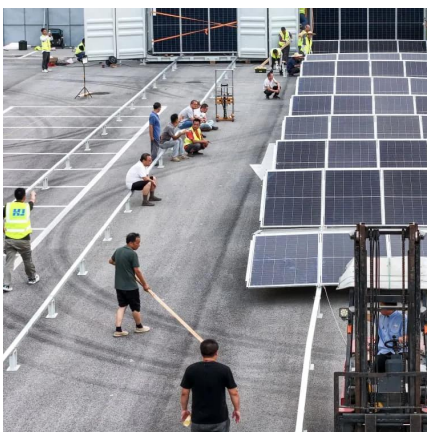
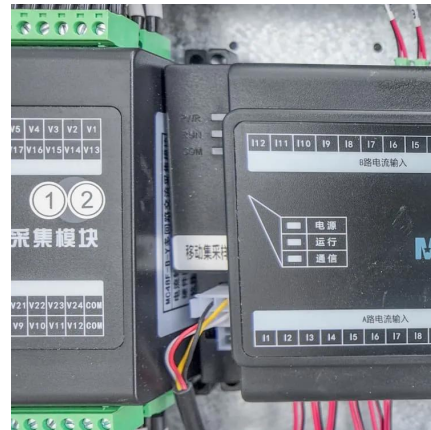


[GSL ENERGY's Battery Energy Storage System \(BESS\) and Solar ...](#)

In 2024, GSL ENERGY successfully installed a 7.45MWh industrial-grade BESS energy storage battery system in Bulgaria, integrated with solar photovoltaic power generation, ...

[Sigenergy launches 10 MW/20 MWh of ...](#)

Sigenergy has deployed a 10 MW/20 MWh battery energy storage system (BESS) at a solar site in Malko Tarnovo, Bulgaria, using 240 kWh battery stacks typically found in residential systems.



[Bulgaria Is Promoting Standalone Battery ...](#)

The selected projects will deliver a total usable battery energy storage system (BESS) capacity of 9,712.89 MWh, the Ministry of Energy said on April 17, more than three times the minimum target of 3 GWh ...

[Bulgaria Is Promoting Standalone Battery Storage Upto 10GW](#)

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[Bulgaria launches EU's largest battery storage system](#)

Described by the Ministry of Energy as the largest operational battery storage facility in the European Union by total energy capacity, the installation underscores Bulgaria's ...



[Sunterra RE equips its PV plants in Bulgaria ...](#)

The three subsidized battery projects were completed in less than a year Accompanying the Galabovo solar power plant (201 MW) is a BESS with 75 MW in operating power. Sunterra RE said it consists of 37 ...



[Kehua's Energy Storage Solution Propels Bulgaria's BESS Project](#)

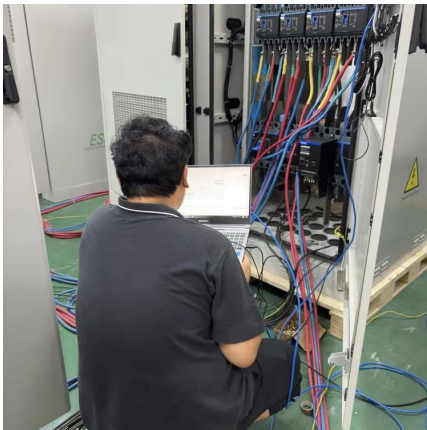
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[SCU Commercial and Industrial Energy Storage Project ...](#)

Three years ago, SCU deployed the country's first 40ft containerized energy storage system at a solar farm in Bulgaria, setting a precedent for large-scale industrial and ...

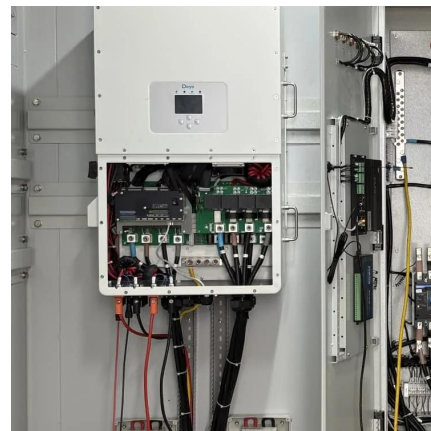


[Battery energy storage systems The case of Bulgaria: ...](#)

Approximately 200 million EUR investments to encourage the combination of new renewables with local electricity storage facilities (totaling around 200 MW); Transformation of ...

[SCU Commercial and Industrial Energy ...](#)

Three years ago, SCU deployed the country's first 40ft containerized energy storage system at a solar farm in Bulgaria, setting a precedent for large-scale industrial and commercial energy storage. Now, ...



[Bulgaria launches EU's largest battery storage ...](#)

Described by the Ministry of Energy as the largest operational battery storage facility in the European Union by total energy capacity, the installation underscores Bulgaria's growing role in stabilizing the regional ...



[Energy Storage in Bulgaria Surges with 9.7 GWh Awarded ...](#)

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[Kehua's Energy Storage Solution Propels ...](#)

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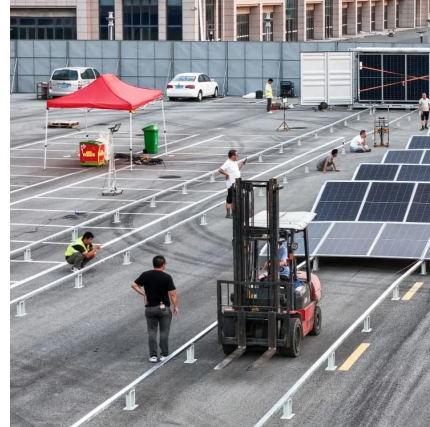
[Bulgarian tender awards more than 4 GWh of energy storage ...](#)

Bulgarian tender awards more than 4 GWh of energy storage capacity across 31 projects Bulgaria's second standalone energy storage procurement exercise of 2025, worth ...



Energy Storage in Bulgaria Surges with 9.7 GWh Awarded Under RESTORE

Energy storage in Bulgaria is expanding rapidly as the government awards nearly 10 GWh of capacity to 82 projects, boosting renewable energy reliability and grid stability.



[GSL ENERGY's Battery Energy Storage System ...](#)

In 2024, GSL ENERGY successfully installed a 7.45MWh industrial-grade BESS energy storage battery system in Bulgaria, integrated with solar photovoltaic power generation, to provide stable and clean ...

[Sunterra RE equips its PV plants in Bulgaria with batteries ...](#)

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