



SolarGrid Energy Solutions

Bulgarian energy storage system manufacturer



Overview

The manufacturing of the fully-integrated battery energy storage system (BESS) – Exeron (X-BESS) by Bulgaria-based International Power Supply (IPS) was on Tuesday officially awarded a strategic project status under the Net-Zero Industry Act Regulation (EU), which aims to boost the production capacity of net-zero technologies within the European Union (EU). What is the largest battery energy storage system in Bulgaria?

The system is the largest in Bulgaria. Image: Renalfa IPP. A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa IPP, using technology provided by Chinese firms Hithium and Kehua.

What is the biggest solar project in Bulgaria?

The Renalfa IPP project in Razlog has been claimed as the biggest project of its type in Bulgaria. It is also larger than the biggest project to come online so far in neighbouring Romania, a 6MW/24MWh BESS in that country's Constanta County, co-located with solar PV and wind generation plants.

What is a battery energy storage system (BESS)?

A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa IPP, using technology provided by Chinese firms Hithium and Kehua. The project is co-located with a 33MWp PV plant in southwestern Bulgarian city of Razlog and is connected to the transmission system operator (TSO) grid.

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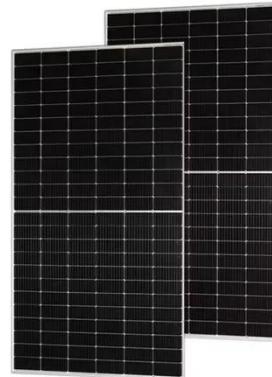
BalkanEngineer

Jun 12, 2024 · In Romanian In Albanian In Bulgarian In Serbian In Macedonian IPS, a Bulgarian manufacturer of complete energy storage systems (BESS), has announced a significant new ...

Energy Storage Solutions & Companies for the Power Industry

Sep 25, 2024 · Energy storage plays a crucial role in integrating renewable energy sources and enhancing the resilience and emergency response capabilities of power supply systems. By

...



Bulgaria and Romania grant funding to ...

Nov 5, 2024 · Bulgaria and Romania have revealed the results of EU-backed tenders for renewables and energy storage, with gigawatts of storage winning.

Bulgaria inaugurates 496 MWh

battery system, ...

May 26, 2025 · Bulgaria has inaugurated a 124 MW / 496.2 MWh battery energy storage system (BESS) in the town of Lovech, described by the Ministry of ...



Bulgarian manufacturer unveils 8.1 MWh battery energy ...

May 2, 2025 · Bulgaria-based storage manufacturer IPS has released a new utility-scale BESS with a rated capacity of 8.1 MWh and an integrated 4 MW inverter. The X-BESS 8 system is ...

IPS talks 'first cell-to-system' BESS

Jun 19, 2025 · Construction underway at the latest BESS facility, which will expand IPS' manufacturing capacity to 4GWh. Image: IPS via LinkedIn. The firm's existing facility next ...



BESS factory of 1.5 GWh per year opening near Sofia in Bulgaria

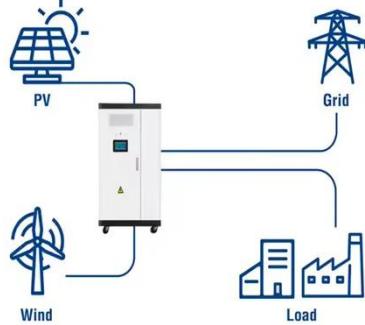
Jun 2, 2025 · IPS, a Bulgarian manufacturer of battery energy storage systems, is about to launch operations at its new facility near Sofia.



Bulgaria finalises EUR600m funding for 10GWh of ...

Apr 23, 2025 · Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (EUR588 million) in financial support.

Utility-Scale ESS solutions



IPS Unveils 8.1 MWh Utility-Scale BESS in Compact 20-Foot ...

May 5, 2025 · Bulgaria-based energy storage manufacturer IPS has launched a new utility-scale battery energy storage system (BESS)--the X-BESS 8--featuring a rated capacity of 8.1 MWh ...

Hithium to provide 55MWh battery storage for ...

Nov 15, 2023 · Hithium and SolarPro executives on the day of the agreement being signed. Image: Hithium / SolarPro. Lithium-ion battery manufacturer ...



Bulgaria invites comments for 3GWh of clean ...

Jun 27, 2024 · The Bulgarian Ministry of Energy has invited public comment on an initiative for tenders for 3GWh of renewable power and storage capacity.

IPS breaks ground on BESS factory in Bulgaria , Energy Storage ...

Jun 9, 2025 · Bulgarian company International Power Supply (IPS) has launched construction of its second battery energy storage system (BESS) production facility in Sofia, Bulgaria, which ...



New Battery Energy Storage Systems (BESS) Factory Near ...

Jun 04, 2025 On June 2, it was reported that International Power Supply (IPS) is set to begin operations at its new

battery energy storage systems (BESS) manufacturing facility near Sofia, ...



IPS unveils breakthrough in utility-scale battery energy storage

May 4, 2025 · Bulgarian microgrid solution and BESS specialist International Power Supply (IPS) has unveiled its EXERON X-BESS 8, a cutting-edge utility-scale BESS delivering a capacity of ...

 TAX FREE    

Product Model

HJ-ESS-215A(100kW/215kWh)
HJ-ESS-115A(50kW 115kWh)

Dimensions

1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity

215KWH/115KWH

Battery Cooling Method

Air Cooled/Liquid Cooled



GSL ENERGY's Battery Energy Storage System (BESS) and ...

Aug 12, 2025 · In 2024, GSL ENERGY successfully installed a 7.45MWh industrial-grade BESS energy storage battery system in Bulgaria, integrated with solar photovoltaic power generation, ...

Sungrow to supply 1 GWh of battery storage for Sunterra ...

Aug 4, 2025 · Bulgarian renewables developer Sunterra RE has partnered with Sungrow to deploy 1 GWh of battery

energy storage systems (BESS) at three of its largest solar parks. ...



Bulgarian tender awards nearly 10 GWh of ...

Apr 22, 2025 · Bulgaria's standalone energy storage tender, which aimed to procure at least 3 GWh of cumulative usable capacity, ultimately awarded ...

Bulgarian manufacturer launches 8.1 megawatt hour battery energy

May 12, 2025 · Bulgarian energy storage manufacturer IPS has released a new utility scale battery energy storage system (BESS) with a rated capacity of 8.1 MWh and integrated 4 MW ...



Nachalo

BGH2A: Building Trust and Partnerships for a Climate-Neutral Bulgaria by 2050 , The Bulgarian Hydrogen, Fuel Cell, and Energy Storage Association (BGH2A) ...



C& I Energy Storage Systems in Bulgaria

Commercial & Industrial (C& I) Energy Storage Systems integrated with a factory and photovoltaic park. Aiming to enhance energy reliability, optimize renewable energy integration, and stabilize ...

HEAT DISSIPATION

Cold aisle containment, making optimal refrigeration effect;



BESS factory of 1.5 GWh per year opening near Sofia in Bulgaria

Jun 2, 2025 · International Power Supply (IPS), a Bulgarian manufacturer of

Innovative Battery Storage Manufacturing Project of the Bulgarian

Jul 15, 2025 · BG EXERON X-BESS is an electric energy storage system in batteries, fully developed on the patented technology of International Power Supply (IPS). Production will ...

battery energy storage systems, is about to launch operations at its new facility near Sofia. Its latest model ...



INTERVIEW

Jul 16, 2025 · The manufacturing of the fully-integrated battery energy storage system (BESS) & Exeron (X-BESS) by Bulgaria-based International Power Supply (IPS) was on ...

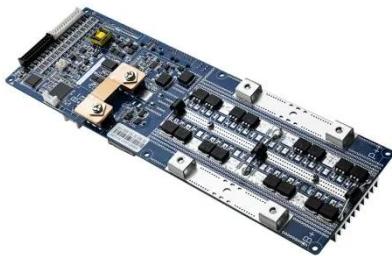
Bulgaria begins tendering for 1.4GW renewables, ...

Mar 19, 2024 · Ministry of Energy of Bulgaria tendering to add 1,425MW of renewable generation to the grid and 350MW of battery storage projects.



55 MWh battery storage system goes live in ...

Jun 18, 2024 · Billed as the largest operating battery energy storage system in Bulgaria to date, the 25 MW/55 MWh facility, developed by Austria's Renalfa ...



Bulgarian emergency energy storage power supply manufacturer

Battery energy storage: the challenge of playing catch up. Battery energy storage systems: the technology of tomorrow. The market for battery energy storage systems (BESS) is rapidly ...



Innovative Battery Storage Manufacturing Project of the Bulgarian

Jul 15, 2025 · By the end of 2027, Bulgaria is expected to install between 7 GWh and 11 GWh of new battery energy storage systems, according to the Central East and South East Europe ...

INTERVIEW

Jul 16, 2025 · The manufacturing of the fully-integrated battery energy storage system (BESS) - Exeron (X-BESS) by Bulgaria-based International Power

Supply (IPS) was on Tuesday ...



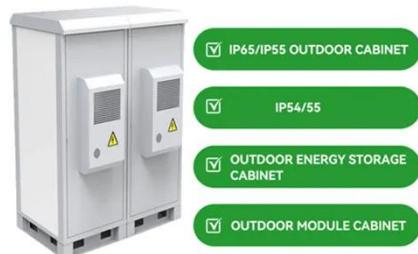
BalkanEngineer



Jun 12, 2024 · IPS, a Bulgarian manufacturer of complete energy storage systems (BESS), has announced a significant new investment near Plovdiv, southern Bulgaria, BalkanEngineer ...

Sermatec expands Eastern European presence with 430 MWh storage in Bulgaria

Aug 12, 2025 · The battery storage system on Bulgaria's Black Sea coast will enhance grid stability and renewable energy integration. Shanghai Sermatec Energy Technology Co., Ltd. ...



2024 Global Shipment of Energy Storage Batteries

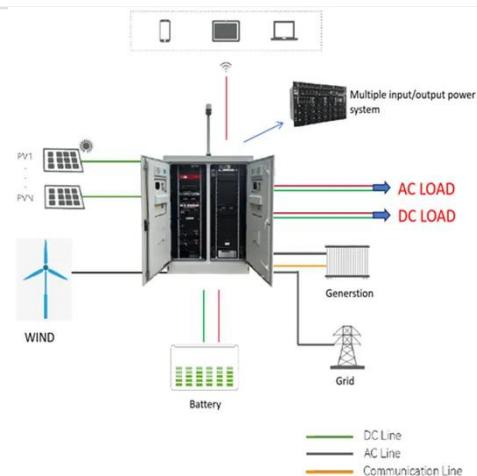
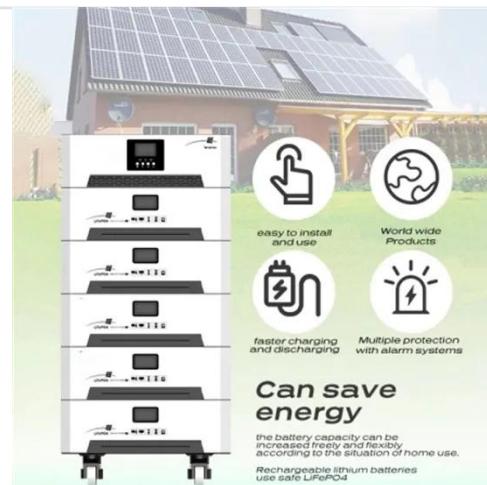
HiTHIUM's first 6.25MWh Energy Storage Solution is tailored for the North American market and the 4-hour long-

duration energy storage application ...



Sungrow, SUNOTEC focus on Bulgaria with 2.4GWh BESS ...

Jul 31, 2025 · Sungrow has signed a 2.4GWh strategic deployment agreement for battery storage systems in Europe with solar PV solutions provider SUNOTEC.



Bulgaria: largest BESS project online, with ...

Jun 19, 2024 · A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa IPP, using ...

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