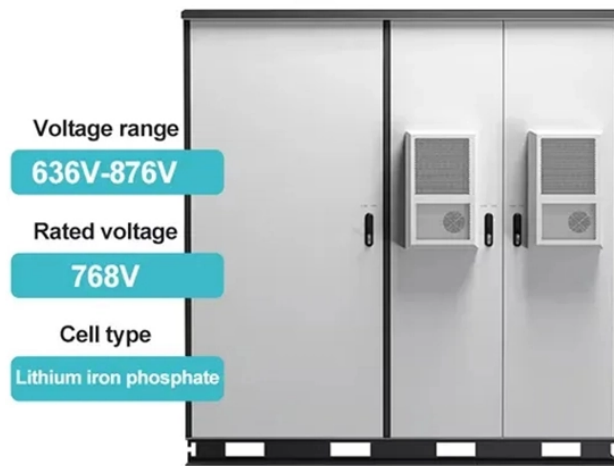


# New Portuguese Integrated Energy Storage Unit



## Overview

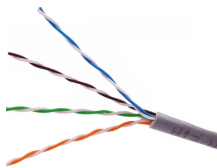
Global energy storage platform provider Powin LLC and Galp, Portugal's leading integrated energy company, have partnered to install a utility-scale battery energy storage system (BESS) at one of Galp's solar power plants near Alcoutim, a small village in the country's sunny. Global energy storage platform provider Powin LLC and Galp, Portugal's leading integrated energy company, have partnered to install a utility-scale battery energy storage system (BESS) at one of Galp's solar power plants near Alcoutim, a small village in the country's sunny. Portugal's energy transition, driven by ambitious decarbonization goals and its European leadership in renewable energy production, faces a critical challenge: the intermittency of renewable sources. Solar and wind energy, although clean and increasingly cost-competitive, are not constantly. Lightsource bp is planning an 867 MWp solar and 300 MWh battery energy storage system (BESS) project and Endesa's Pego Cluster would feature 360 MW of wind capacity, 330 MW of solar, and 168. The Portuguese Environment Agency's Participa portal currently features two big. The European Green Deal launched in 2019 established the roadmap for reducing emissions in the EU by at least 55%, which is the main national

policy instrument for energy and climate for the coming decade. PNEC 2030 establishes clear goals for scaling up renewable energy capacity. By the end of the. Lisbon - 17 December 2025 - Hyperion Renewables, a company with nearly two decades of experience in developing, financing and operating utility-scale renewables projects, has started construction of its first battery energy storage projects in Portugal, in partnership with Omexom Portugal, a. Portugal has achieved 60% renewable electricity generation in 2023, but grid stability remains a challenge. The new compressed air energy storage (CAES) project offers a 250MW/1,500MWh capacity solution - equivalent to powering 180,000 homes for 6 hours.

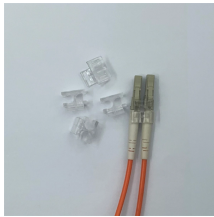
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It is in this context that the Portuguese Government announced a €100 million investment in 43 new energy storage projects, which will add 500 MW of capacity by 2026. These projects ...



System integrator Powin has been enlisted by oil, gas and renewable energy firm Galp to install a battery energy storage system (BESS) at a PV plant in Portugal, Powin's first in Europe.



These will be Hyperion's first hybrid (solar + storage) projects and among the first of their kind to move into implementation in the Iberian Peninsula, ...



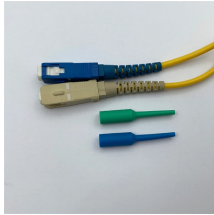
The European Union funds the NGS (New Generation Storage) project through the Recovery and Resilience Plan (PRR - ) and is part of the EU's energy transition ...



These will be Hyperion's first hybrid (solar + storage) projects and among the first of their kind to move into implementation in the Iberian Peninsula, positioning both the company and the ...



Portugal's energy-storage market is entering a new stage of maturity, combining grid-scale standalone batteries and hybrid (co-located) systems with renewable plants.



Madrid-based BNZ has become the latest developer to go all-in. The company quietly expanded its Portuguese budget to €600 M, carving out €150 M for 100 MW of lithium-ion storage ...



Final Thought: "Energy storage isn't just about saving power - it's about reshaping when and how we use renewable resources. Portugal's CAES project could become Europe's blueprint for 24/7 clean ...



Polish renewables company R.Power is looking to develop 680 MW of standalone battery energy storage system (BESS) projects in Portugal in support of the government's desire to ...



Atalaia is part of the Pego Hybrid Cluster awarded to Endesa in 2022, which will feature solar, wind, and storage facilities as well as social and economic development initiatives.



The batteries will allow Galp to store the solar energy produced in periods of high generation, and to deploy it during periods of high demand, maximizing the energy's value.

## Contact Us

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