

# ENERGY STORAGE INDUSTRY COMPANY RANKING POWIN



## Commercial and Industrial ESS

- Budget-Friendly Solution
- Renewable Energy Integration
- Minimal Design for Flexible Expansion



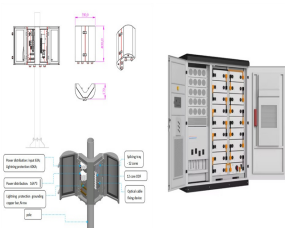
As the world continues to grapple with climate change challenges and the need for sustainable energy solutions, energy storage is becoming increasingly important. Energy storage plays a crucial role in transitioning to a clean energy future by enabling the efficient and reliable integration of renewable energy sources into the grid. The exponential growth of ???



Powin Energy will exceed US\$1 billion in 2023 revenues, has "big plans" in the balance-of-system space and could become "the biggest energy storage platform in the world", president Anthony Carroll claims in a sometimes-provocative interview. Energy-Storage.news caught up with the exuberant Carroll at the Energy Storage Summit USA in



BY PEOPLE WHO GET THE ENERGY INDUSTRY Powin Energy's management team brings decades of successful leadership experience in the energy, storage and utility industries, all with top level expertise in product design, project development and grid-level installation. We understand the challenges that can be presented by utility scale energy projects.



"A diverse energy storage supply chain can help mitigate risks for US companies working to deploy 100GW of new energy storage by 2030," Jason Burwen, former ESA interim CEO and now VP of Energy Storage at the American Clean Power Association said yesterday of Powin's Celestica announcement.



to the growing volume of next generation energy storage projects that are transforming the grid worldwide. Headquartered in Tualatin, Oregon, Powin has built over 2.5 GWh of systems, supporting projects in 16 US states and 11 countries. Powin has a contracted pipeline to supply 3.0 GWh of energy storage systems globally in the next 18 months.

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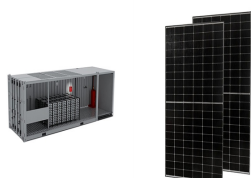
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Beyond Power. This is Relentless Innovation. In Q3 2023 Powin: Joined forces with Apex Clean Energy to support IKEA's commitment to clean energy Teamed up with partners in the global supply chain to bring manufacturing to the United States Signed an 8GWh Memorandum of Understanding (MOU) with Vena Energy And many more! Growing Through [??]



PORTLAND, Ore.--(BUSINESS WIRE)--Oct. 2, 2024-- Powin, a global leader in battery energy storage solutions, announced today that it has successfully secured a revolving credit facility of up to \$200 million primarily from insurance accounts managed by KKR, a leading global investment firm. The facility will be instrumental in supporting Powin's working capital ???



The utility-scale energy storage (UES) market has grown increasingly competitive since 2018. With cumulative UES deployment revenue projected to exceed \$188 billion by 2029, the market represents a significant opportunity.



As the world transitions to cleaner energy sources, global demand for energy storage will continue to surge to an estimated market of \$49 billion by 2028, according to Bloomberg New Energy Finance. To better serve this fast-growing market, this acquisition expands Powin's offering to include the EKS Power Conversion System and Power Plant ???



- PRESS RELEASE - Fluence's software capabilities recognized as key driver of market leadership. ARLINGTON, Va. ??? January 27, 2022 ??? Fluence (NASDAQ: FLNC) has been named the top global provider of battery-based energy storage systems according to the 2021 Battery Energy Storage System Integrator Report published by IHS Markit. The ranking is ???

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Global powerhouse Hitachi Energy acquires majority stake in eks Energy in strategic partnership with Powin to expand energy storage offerings EKS has successfully implemented over 4.5 gigawatts (GW) of inverters on a global scale, even in the most challenging and complex grid environments. Global energy storage platform provider Powin LLC (Powin) ???



Powin, a provider of energy storage solutions, has secured a revolving credit facility of up to \$200m, primarily from insurance accounts managed by investment company KKR.. This funding is set to bolster Powin's working capital needs and drive innovation while enhancing its financial flexibility during a period of expansion in the storage industry.



The 5MW/20MWh system will help Galp to adapt its solar power production profile to its energy needs. PORTLAND, Ore.--(BUSINESS WIRE)-- 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 ???



PORTLAND, Ore., May 30, 2024--Global energy storage platform provider Powin LLC (Powin) today announced it has been named to TIME's 100 Most Influential Companies list. The annual list



Powin and ACE will work together on Powin's Waratah Super Battery (WSB) project, a 1.68GWh battery energy storage system located in Australia. Powin will ultimately deliver 850 MW of power and 1680MWh of energy capacity, making it the most powerful battery in the world when operational. ACE will supply over half of the WSB energy storage system.

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A Significant Milestone in Australia's Energy Storage Landscape.  
MELBOURNE, Australia ??? Akaysha Energy, in collaboration with Powin, is thrilled to announce that the Australian Energy Market Operator (AEMO) has received Generator Performance Standard (GPS) 5.3.4a/b approval for Ulinda Park, a groundbreaking 155MW/300MWh battery ???



version of this report was published in 2018. With 4,604 energy storage projects counted as of 4Q 2020, per Guidehouse Insights " Energy Storage Tracker 4Q20, there are far more UES projects built and in development stages around the world. The company rankings in this report are more focused on what projects have been



PORTLAND, Ore.???October 2, 2024 ??? Powin, a global leader in battery energy storage solutions, announced today that it has successfully secured a revolving credit facility of up to \$200 million primarily from insurance accounts managed by KKR, a leading global investment firm. The facility will be instrumental in supporting Powin's working capital needs, driving continued [???



Thanks for asking, Matt. I find Powin to be more nimble/adaptable than the bigger names in the industry. For example, in this article you'll see that Powin was already aware of the issues that caused the Arizona battery meltdown, before the final report came out and had taken steps to address the problems starting a year before the final report was issued.



consolidation in the industry came in July 2017, when industry leaders AES Energy Storage and Siemens AG announced the formation of a new ESSI JV company known as Fluence. All four companies remain active in this space and are profiled in this report. While there are several competing utility-scale energy storage technologies with differing

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Boundless Energy. Unlimited Possibilities. Our results in Q1 2024 were exceptional, with significant gains that underscored Powin's leadership position in the industry. But it's more than that. The last few months have proved that the dream of 100% renewable energy is within reach, and that's a huge win for the clean transition. A few standout [???

With the significant strides that Powin has made as a company in the previous 12 months, these agreements signify that we have built a superior level of trust within the energy storage industry. These agreements are with some of the industry's most well-respected developers with healthy pipelines of projects located near some of the largest



Powin's Stack360E high voltage BESS unit, launched earlier this year. Image: Powin Energy. Powin Energy Danny Lu, executive vice-president. What did the energy storage business in 2021 mean for your company and how did it compare with previous years? Supply chain constraints were a significant issue for the market.



Unlock the future of clean energy with our battery energy storage system. Learn how Powin leads the sustainable energy transformation with simple, safe, and scalable solutions. Their decades of diverse experience, professionalism, and dedication to innovation have helped make Powin the leading, industry-defining company that it is. Jeff



BIGGER THAN BATTERIES Q2 was an exciting period for Powin, marked by major milestones. We were honored to be named one of TIME Magazine's 100 Most Influential Companies and launched the innovative Powin Pod at CleanPower 2024 in May, showcasing our latest in energy storage solutions. Our progress and success would not be possible without [???

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Energy storage is the key to creating a carbon-free future. Up until recently, stationary energy storage costs have been on a constant decline, driven by increased and more efficient production. But the global pandemic, increased shipping costs, and current recession have disrupted many energy storage supply chains, rising prices.



With safety validation completed, first deliveries of the Centipede are scheduled for Q2 2022. Portland, OR, (November 29, 2021) ??? Powin LLC (Powin), a global leader in the design and manufacture of safe and scalable battery energy storage solutions, announced its new Centipede battery energy storage platform. Centipede is the company's ???



There are seven utility-scale energy storage system integrator companies that currently lead a global market poised for significant expansion, with Fluence and Tesla currently competing for the top spot, according to a new industry ranking report from Guidehouse Insights.

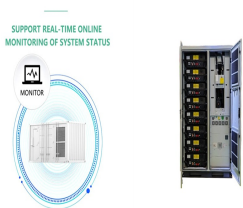


Agreement supports Powin's commitment to meet surging U.S. energy storage demand as the market continues to make record gains. PORTLAND, OR ??? May 23, 2023 ??? Global energy storage platform provider Powin LLC (Powin) today announced it has selected Jabil Inc. (Jabil), a global manufacturing solutions provider based in St. Petersburg, Florida, to better ???



As always, Powin is proud to have played a key role in moving the energy storage industry forward, paving the way toward a more sustainable energy future. Powin had a strong Q1 in which we: Built our new leadership team with Pablo Gonzalez as Chief Technology Officer and Brian Kane as Chief Projects Officer to handle the growing demand for our

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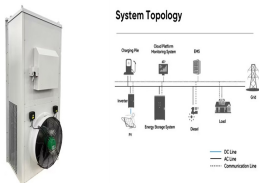
In 2021, Tesla accounted for a 5.3 percent share of the global energy storage integration system market, which combines the components of the energy storage technologies into a final system.



StackOS is at the core of Powin's innovative energy storage solutions, delivering unmatched safety, availability, insight, and flexibility. Our unique system-driven approach, vertical system integration, and advanced analytics set us apart and ensure our systems are continuously improving to meet our customers' evolving needs.



Energy storage is essential for the transition to a sustainable, carbon-free world. As one of the leading global energy platform providers, we're at the forefront of the clean energy revolution. We offer fully integrated utility-scale battery energy storage systems to accelerate the shift to clean energy alternatives.



The Ravenswood project, which is set to begin construction in 2025, will integrate solar energy and Powin's Centipede??? Stack800 battery energy storage system to provide long-duration energy solutions. This innovative approach will eventually allow the facility to operate 100% off-grid, ensuring reliability while supporting the U.S. clean



CELEBRATING ENERGY STORAGE INNOVATION. Platts Global Energy Awards: Powin Nominated as a Grid Edge Finalist. Powin is one of the global energy awards finalists for the Platts Global Energy Awards by S&P Global Commodity Insights. Known as the Oscars of the energy industry, the ceremony will take place in December in New York. READ ???