



CPS America Strengthens Portfolio with Turnkey Commercial ESS

CPS America is proud to offer its turnkey Commercial Energy Storage System (ESS) solution to meet the evolving energy needs of businesses across North America. This proven solution integrates 125/250 kW, two-hour energy storage building blocks that can be easily scaled to accommodate any commercial and industrial (C&I) project size. The modular design of the system minimizes the impact of faults and reduces associated operations and maintenance costs, while rack-level management helps to minimize mismatch losses between parallel battery cabinets. Additionally, this design enables battery mixing and phased replacement, further enhancing cost efficiency and operational flexibility. The CPS bi-directional power conversion system (PCS) facilitates seamless interaction between the energy generation source, the grid, and the battery rack, ensuring smooth and efficient energy storage and discharge cycles for commercial energy storage applications.

"The addition of our turnkey ESS solution further strengthens our product portfolio and is already helping businesses maximize their revenue potential," said Bryan Wagner, President & GM of CPS America. "One example is Heights Christian, where our energy storage system is actively improving energy optimization and providing substantial cost savings, proving the real-world benefits of this advanced solution."

The CPS ESS is ideal for a wide range of C&I applications, including photovoltaic energy shifting and time-of-use optimization, peak shaving through demand-charge management, active and reactive power control for grid support services, and zero-export control to ensure compliance with regulatory requirements. This fully integrated solution features lithium iron phosphate (LFP) batteries, which offer high thermal stability, long cycle life, and high energy density.

"Our ESS solution has been refined and optimized over years of innovation to stay ahead of evolving solar industry trends and maximize operational efficiency," said Zhehan Yi, Utility and ESS Product Director at CPS America. "This solution is built to deliver top-tier performance, meeting both current and future energy storage needs, and is a perfect fit for businesses looking to reduce costs and improve their sustainability efforts."

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CPS America's Turnkey C+I ESS solution empowers businesses to optimize energy efficiency, reduce operational costs, and meet sustainability goals with a reliable, high-performance energy storage system. This proven solution provides a seamless, scalable option for businesses seeking to reduce energy expenses, enhance renewable energy use, and ensure compliance with energy regulations.