



# 180 kWh battery system

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You could apply for the Residential clean energy credit for qualified solar electric property costs. Please verify eligibility and requirements before applying.

**\*Disclaimer:** Please be aware of that Discover Energy Systems does not provide assurances or guarantees concerning potential tax credits that may be associated with our products. Any information we provide is solely for education purposes only and should not be considered legal advice. We recommend you rely on the expertise of a tax professional for accurate and personalized advice.

For customers with an AES RACKMOUNT Energy Storage System, please note that if your product has Firmware version 4.6 or higher, you must update your LYNK II with Firmware version 1.7 or higher.

The AES RACKMOUNT Energy Storage System performs reliably, installs quickly and configures easily for Off-Grid Solar, Whole-Home Backup Power and Microgrids.

Stack up to six RACKMOUNT Battery Modules with the Quick Stack Rack and parallel them with a single RACKMOUNT Battery Combiner in under 40 minutes.

The Slimline Enclosure with RACKMOUNT Battery Modules installed is UL9540 DC ESS certified, enabling permitting throughout North America.

Dramatically elevate battery charging performance by networking up to thirty-six RACKMOUNT Battery Modules in closed-loop communication with industry-leading low-voltage hybrid inverters.

Watch our video for a brief introduction to our newest 48V energy storage system design for off-grid, whole home backup and microgrid installations.

Easily estimate the number of batteries for your solar setup using our comprehensive solar calculator. By inputting your AC Load requirements, desired runtime, and number of inverters, our tool provides precise battery recommendations tailored to your unique installation needs. Ensure efficient energy storage and maximize your solar system's performance.

AES RACKMOUNT Battery Modules are manufactured with the highest-grade cobalt-free LiFePO<sub>4</sub> cells for safety, reliability and long life. The high-current GEN-4 BMS delivers superior peak power for demanding load support and lightning-fast 1C charge and discharge rates.

Networking AES RACKMOUNT Battery Modules with the LYNK II Gateway enables plug-and-play closed-loop communication with industry-leading hybrid inverters and dramatically elevates charging



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performance.

AES RACKMOUNT Battery Modules are available with a BMS-managed heat mat for operation in cold climates.

Contact us for free full report

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