



High cube energy storage systems

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We designed the Eos Cube to bring affordable and reliable energy storage to even the harshest, remotest locations. Suitable for commercial, industrial, and utility-scale projects, both behind- or front-of-the-meter, it's a truly "plug-and-power" solution with integrated battery modules, Battery Management System (BMS), and enclosure that can be installed, run, and maintained at low cost and high speed.

Shipped ready for deployment, our Eos Cube comes with all battery modules, electrical equipment, and the BMS pre-integrated into a standard 8 x 16-foot outdoor-rated shipping container. Each Cube is loaded with 672 Eos Z3(TM) battery modules--the current generation of our zinc-powered Znyth(TM) technology.

Simple, safe, durable, flexible. In every aspect of our Eos Cube we've intentionally considered how storage will be used in a decentralized, democratized, and decarbonized energy future in which a wider range of people, across a wider range of places will be responsible for--and relying on--our systems.

Standard exterior venting in our fire-proof Eos Cube systems provides airflow to dissipate waste heat, eliminating the need for complicated AC systems, and since each Z3 battery module is fully sealed, no flow pumps or external tanks are required. So balance-of-plant installation requirements and related ongoing upkeep are minimal.

Our Eos Z3 battery modules are made of and filled with non-flammable, non-corrosive materials that are less harmful than common household cleaning products. They don't need noisy AC systems to stay cool. And they can be shipped and installed at zero charge. Which means our Cube solution can be safely transported to almost anywhere in the world without a hazmat classification, sited in hot, dry climates in both remote and densely populated places, and handled and operated with basic workplace safety procedures and equipment.

Like the Eos Z3 battery modules they house, our Cube is a self-contained unit--a closed-system design with no delicate internal or external moving parts like AC systems or flow pumps that degrade from continuous, daily wear and tear. Lasting at least 20 years and retaining a full 88% of the rated capacity, today's Cubes will still be powering away well into the 2040s, no matter what temperature abuse or operational shifts you put them through.

Need a maximum power, 3-hour discharge one day, and a high round-trip efficiency over a 12-hour discharge the next? No problem. Because our Eos Znyth chemistry is highly tolerant of significant variation in operational requirements, a Cube's discharge depth and duration can be reset on a cycle-by-cycle basis. And all without any impact on the system's total degradation or lifespan.

Ready to pair with renewable energy generation, this American-made solution can accelerate the shift to clean energy.



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Eos Project Teams support customers from conceptual design through full turnkey system delivery. Our Project Managers and Engineers have broad project delivery experience and the hands-on knowledge to address the challenges capital projects face in meeting safety, quality, schedule, and cost expectations.

By clicking "Submit" you consent to Eos Energy Enterprises, Inc. storing your information and contacting you at the phone number or email address provided. For more information on our privacy practices, please review our Privacy Policy.

Eos is accelerating the shift to clean energy with positively ingenious solutions that transform how the world stores power.

Eos positively ingenious solutions are designed and manufactured in the U.S.A.

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