COMPANY OVERVIEW

Positively ingenious.

Safe, scalable, efficient, sustainable —and made in the U.S.—Eos clean energy storage not only gets the job done, but does the job better.

Since our founding in 2008, Eos has been on a mission to accelerate the shift to clean energy with positively ingenious solutions that transform how the world stores power.

Our breakthrough Znyth™ aqueous zinc battery was designed to overcome the limitations of conventional lithium-ion technology. Coupled with our comprehensive Battery Management System, it's the core of our innovative Eos Cube, Hangar, and indoor Stack systems.

Today, Eos is proud to provide utility, renewable, commercial, and industrial customers with the market's only performance- and price-competitive energy storage alternative.

+ Tesla has a new publicly traded competitor for its battery-based electricity-storage business.
– Barrons, Nov. 17, 2020

Listed on Nasdaq
IPO November 17, 2020
Nasdaq: EOSE

Eos Ingenuity Lab
Headquarters and Research, Development, Engineering, and Testing Center

3920 Park Avenue
Edison, NJ 08820

Eos Ingenuity Park
Manufacturing Centers

Manufacturing #1
200 Braddock Ave
Turtle Creek, PA 15145

Manufacturing #2
700 Braddock Ave
Turtle Creek, PA 15145

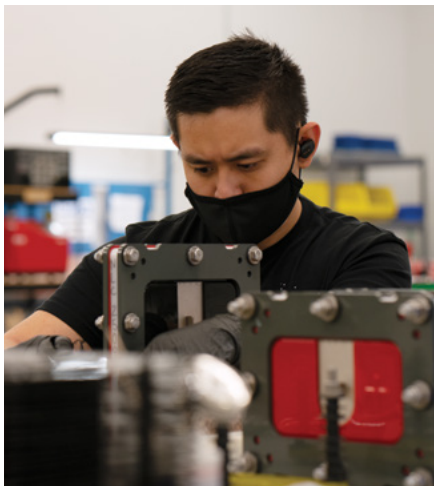
+ 93 patents pending, issued, or published in 26 countries
+ 275+ team members (as of March 2022)
+ 800 MWh annual production capacity

Eos positively ingenious solutions are designed and manufactured in the USA.

Manufacturing team

Eos is building tomorrow's green-collar workforce, today.

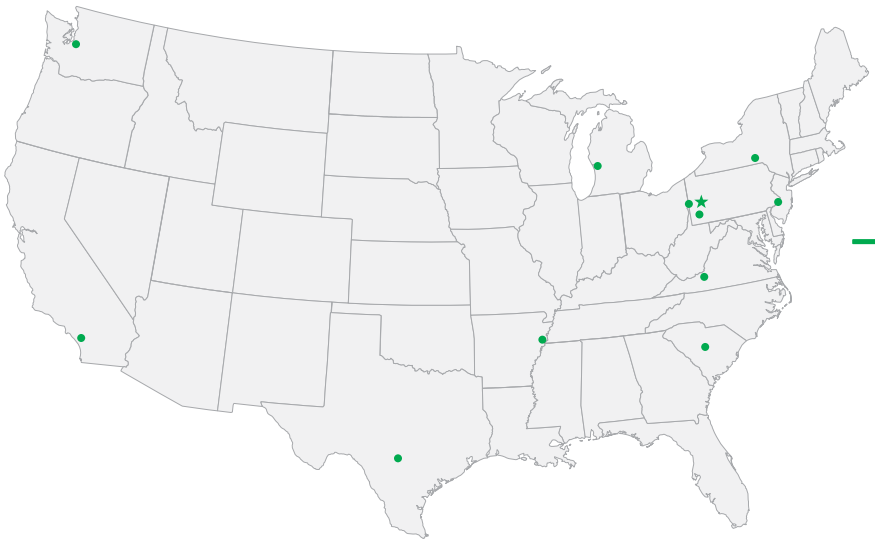
Located at one of the former Westinghouse facilities just outside of Pittsburgh, PA, Eos is leveraging the community's diverse and experienced talent pool—and helping to shape the next, "green" generation in our nation's rich manufacturing history.



Supply chain

Fully-reliable, deeply-ethical American sourcing.

The Eos battery technology is made from just five low-cost, locally- and readily-available, earth-friendly commodities—zinc bromide, titanium, graphite felt, plastic, and water—with no supply constraints or geopolitical issues connected to their extraction.



Approximately 80% of all our materials and components can be sourced within a day's drive of our Pittsburgh, PA facilities.*

Eos vs. Lithium Ion

Clean energy storage that defies convention.

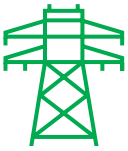
From our patented battery chemistry to our commonsense manufacturing process, Eos operating benefits relative to lithium ion deliver a significant reduction in levelized cost of storage.

	Eos	Lithium Ion
Safe Reducing risks to power hot, dense places.	+ No fire suppression systems needed—non-flammable and free of thermal runaway risk	– Ancillary fire suppression system required
	+ Free of health hazards—non-toxic batteries can ship, store, and install without a charge	– Uses toxic materials and must always maintain a charge (hazmat classified)
Scalable Simplifying production to meet growing demand.	+ Stable, localized supply chain—uses "off-the-shelf" components with no precious or conflict materials	– Dependent on limited supply of internationally-sourced lithium and cobalt
	+ Simple six-step manufacturing process enables deployment of gigawatt factory in 6-9 months	– Up to 2 years to deploy a gigawatt factory—requires clean rooms and dehumidification systems
Sustainable Greening systems to run longer, then return to nature.	+ 98.2% of capacity retained annually at full depth of discharge over a 20+ year lifespan	– Expected lifespan of 12 years with annual degradation rate of 2.5%
	+ No toxic materials and all components fully recyclable in standard facilities; residual value covers all end-of-life costs	– Toxic and hard-to-recycle components require specialized processes resulting in disposal costs of up to $8/kWh
Efficient Streamlining components to outperform, anywhere.	+ Operates across wide temperature range with low parasitic load and flexible charge and discharge rates	– High parasitic loss from HVAC required to maintain tight temperature range, with lifespan degradation outside fixed charge and discharge rates
	+ Requires no additional upsizing—designed for 100% depth of discharge	– Limited to 80% depth of discharge

Applications

Optimized for 3- to 12-hour, regular-use situations

Eos clean energy storage systems meet the demand for higher energy and lower power, daily cycling, operational flexibility, and easy maintenance, enabling a wide variety of customers to advance their own resiliency, de-carbonization, and cost-containment goals.



Utilities

Make more efficient use of generation and T&D assets already in place

Commercial & Industrial

Gain more control over the source, reliability, and cost of electricity

Renewables

Manage inherent intermittencies to increase utilization of green power sources

Proven in the field

With 12 years of testing and vaildation, Eos systems are now deployed globally.

+ Systems delivered on four continents
+ 444 MWh energy delivered
+ 2.3 million cycles of operation

Zinc battery chemistries are by far the ripest for mass adoption at grid-scale as it has overcome the drawbacks of lithium-ion storage systems.

– 13D Global Strategy & Research, Aug. 13, 2020

With ingenuity, we can build a more positive future powered by abundant and affordable clean energy.

eos™

Eos. Positively ingenious.

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