



Eos Aurora[®] 150|600 DC Battery System

The Eos Aurora DC Battery System is designed to meet the requirements of the grid-scale energy storage market. With a 3 to 8+ hour discharge capability, immediate response time, and modular construction, the Eos Aurora can be scaled and configured to reduce cost and maximize profitability in utility, commercial and industrial, and renewable energy applications.

Eos' innovative Energy Block[™] packaging enables flexible options for system installation while significantly lowering the installation cost and accelerating permitting and installation time. The Energy Block is shipped with batteries and all electrical equipment integrated into a standard 20 ft ISO shipping container for drop and play convenience. Each sub-system includes pre-integrated strings of Eos Znyth[®] batteries with DC wiring, DC system protection, support structure, enclosure and Battery Management System (BMS).



Battery Tech	Znyth [™] (Zinc hybrid cathode)
Power	150 kW
Energy	600 kWh
System Voltage	600 - 980 min/max Vdc
Response Time	Millisecond response
SOC Range	0% - 100%
DC Efficiency	75%-80% at 100% DoD
Lifetime	5,000 cycles or ≈15 years
Operating Temp.	-20 to 45°C / -4 to 131°F
Dimensions	20(L) x 8 (D) x 9.5 (H) [ft] 6.1 (L) x 2.4 (D) x 2.9 (H) [m]



Outdoor-rated enclosure, ready for field installation



Modular plug-and-play construction for the lowest on-site assembly costs



Convection cooled for installation in an open, canopy or enclosed plant site



Includes Znyth batteries, outdoor-rated enclosure, internal wiring, BMS and a one-year warranty

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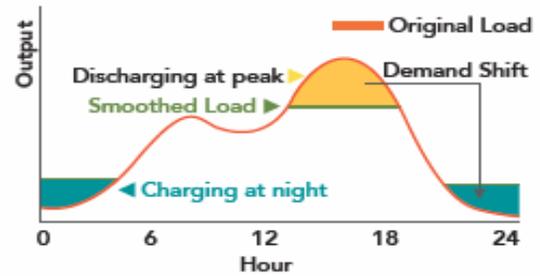
3920 Park Avenue
Edison, NJ 08820



Applications

Peak-shaving and Demand Management

Utilities and end use customers can use Eos batteries to store excess efficient base-load generation and renewable energy produced off peak. By discharging during peak hours, Eos obviates the need for new dirty, inefficient peaking generation, and reduces carbon emissions.



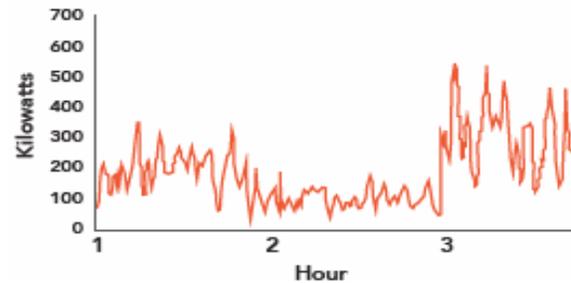
Solar / Wind Integration, Shifting

Renewables such as wind and solar are intermittent, potentially introducing instability into the grid and limiting their viability as a firm, dispatchable power source. Eos batteries allows utilities and consumers to smooth production and time shift renewable energy. Solar electricity produced at noon can be stored and deployed as a stable power source at peak demand in the afternoon.



Frequency Regulation

Eos batteries can be used to bring revenue to our commercial and industrial customers. Eos batteries are eligible for entry into ancillary electricity markets that provide frequency regulation to the power grid. By charging and discharging your batteries to meet grid stability, you can also monetize your asset.



			
<p>Low Cost/kWh Eos is cost competitive with existing peak generation technologies.</p>	<p>Extreme Durability Aurora® is projected to last 5,000 cycles for a 15-year calendar life.</p>	<p>High Energy Efficiency 75% in full depth of discharge applications, Eos is one of the most efficient non-lithium long duration energy storage.</p>	<p>100% Safe Non-flammable aqueous electrolyte has no flashpoint; non-hazardous and non-corrosive when shipped.</p>

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