



ELV1350V2150A

Battery Energy Storage System

Powered by Infinity Lithium-ion Ceramic Technology

Highlights

- **Made in USA** – Under OBBBA, Investment Tax Credit (ITC) eligible. Cells and systems manufactured in Jamestown, New York.
- **Safety** - UL 2580 listed cells and UL 9540 and UL 9540A systems protected using proprietary lithium-ion ceramic technology and leading safety systems.
- **Superior Power Delivery** – 5 MW continuous
- **Proven** - Infinity technology powering over 30,000 motive vehicles with a Perfect Safety Record.
- **Superior Cycle Life** - Best performing NMC lithium-ion cells in the industry backed with 3rd party test data
- **Lowest Total Cost of Ownership** - Longest cycle life in the industry with lowest \$/cycle technology

Specifications

Model Configuration		360S30P
Voltage Range (V)		1332 Nominal (1152 – 1476)
Enclosure		20 ft container
Battery Capacity (Ah)		1620
Power*	Continuous	2.3 C / 5 MW
	5 Minutes	3.5 C / 7.6 MW
Total Energy Nominal (kWh)		2158
Battery Technology		Electrovaya EV cell (NMC with ceramic separator for safety)
Operational Temperature		Discharge: -30 °C to 55 °C / Charge: 0 °C to 55 °C Discharge: -22 °F to 131 °F / Charge: 32 °F to 131 °F
Cycle Life		Up to 14000 cycles **
Wi-Fi		Enabled for remote monitoring and data logging
Certifications***		UL 9540 , UL 9540A , UL 1973 , NFPA 855

* May vary depending on the operating conditions

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*** Certifications are in progress



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Features

- **Thermal Capabilities** – Mechanical construction optimized for heat dissipation
- **Integrated Heating** – BESS has integrated heating system to achieve low temperature charging while preserving high cycle life.
- **High Performance Modules** – Designed for rapid heat dissipation.
- **Fin Based Design** – Provides additional fire propagation protection

Designed for Performance and Robustness

