

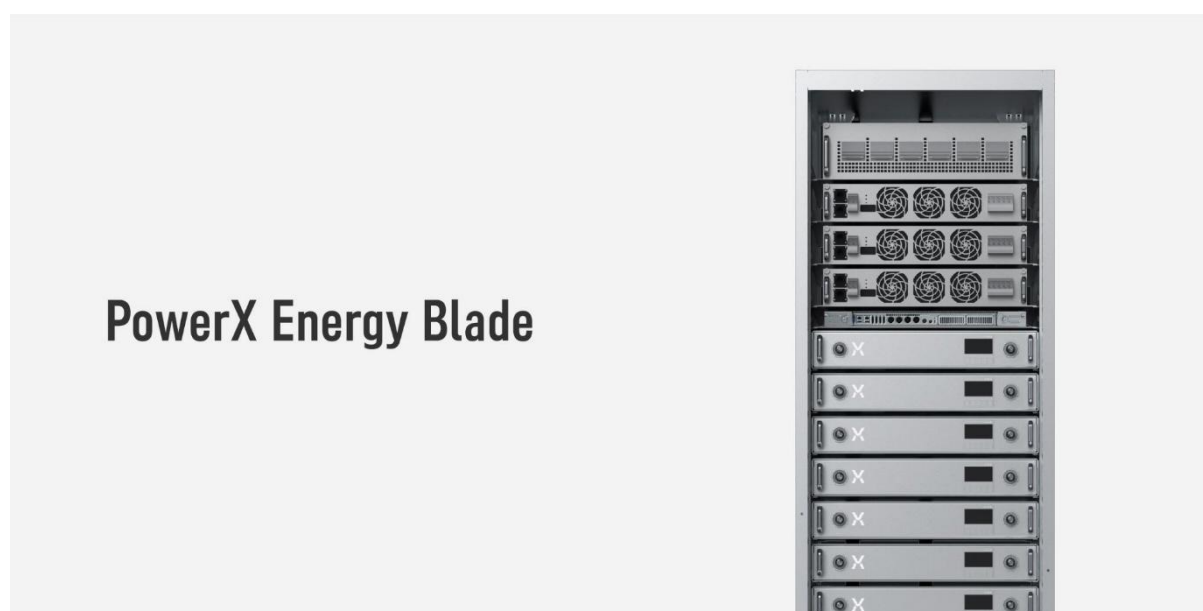
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	(Code Number: 485A Tokyo Stock Exchange Growth Market)	
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Notice Regarding the Launch of “PowerX Energy Blade,” a New Rack-Mounted Battery Energy Storage System for Data Centers **Turning Large-Scale Power Demand into a Flexible Grid Resource**

PowerX, Inc. (the "Company") today unveiled the product concept for “PowerX Energy Blade,” a rack-mounted battery energy storage system designed for data centers. The system is currently in development, targeting availability in 2027, and the company is now seeking partners for implementation.



As AI adoption drives growing power consumption across computing infrastructure, managing electricity costs and securing stable power supply have become critical challenges for data center operators. New grid connection schemes that allow earlier interconnection by combining demand curtailment during periods of grid congestion are also being discussed.

PowerX Energy Blade is a high-output, rack-mounted battery storage system built to address these challenges. It uses lithium-ion cells optimized for rapid charge and discharge, enabling bidirectional response to grid supply-demand fluctuations within milliseconds. The system supports the 800V DC power delivery required by the latest AI GPUs and can also replace conventional battery backup units (BBUs).

The system turns data centers—traditionally pure power consumers—into flexible grid resources. The battery responds to grid signals within milliseconds, releasing or absorbing power as needed, while PowerX’s proprietary Compute Modulation technology dynamically

adjusts server workloads so that grid services can be delivered without disrupting the data center’s core computing operations.

For data center operators, the system opens new revenue streams through participation in frequency containment reserve (FCR) or similar grid flexibility markets and demand response (DR) programs. Peak shaving and load leveling can also unlock practical benefits such as earlier grid connection under flexible connection schemes, more favorable power supply contracts, and the ability to maximize server deployment within existing power budgets.

PowerX Energy Blade follows the “Mega Power DC” scalable modular data center announced in February 2026, extending the company’s battery-powered solution portfolio to building-based data centers. Together, these products advance PowerX’s commitment to building the social infrastructure that underpins the AI era—from both the power and computing sides.

A white paper detailing the system’s technical concept and demonstration data is available at: <https://power-x.jp/datacenter/energy-blade>



Item	Specifications
Rack Standard	21-inch rack (OCP Open Rack V3 compliant)
Battery Cells	High-rate charge/discharge 8C-class lithium-ion cells
Storage Capacity per Module	Approx. 3 kWh
Storage Capacity per Rack	Up to 48 kWh (with 16 modules installed)
IT Load (per rack)	40–120 kW
Supply Voltage	200V DC–800V DC

**As this system is currently under development, final specifications are subject to change.*

The impact of this matter on the Company’s financial results is currently undetermined. We will promptly announce any matters that require disclosure in the future.