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August 3, 2026

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Notice Regarding the Announcement of the “Grid Connector” Series to Streamline Grid Connection for Utility-Scale Battery Storage and Data Centers – Integrating Power Conditioning Systems, Transformers and Other Equipment –

PowerX, Inc. (the “Company”) hereby announces that it has today introduced the “Grid Connector” series, a new product line of integrated grid connection systems for utility-scale battery storage projects and data centers.

Factory-integrated into skid-mounted units, each system combines a power conditioning system (PCS), transformers, high-voltage switchgear, and other components, reducing on-site work primarily to installation and connections and helping bring facilities online sooner. Through the adoption of the Company’s newly developed in-house PCS and optimization of the overall system, the Grid Connector series significantly lowers deployment costs, while its integrated control and communication design strengthens cybersecurity.



By developing the overall architecture in-house, the Company has further improved ease of installation and compatibility with its own battery energy storage systems (BESS). The first product in the series is the “Grid Connector for BESS,” designed for battery farms. As an extension of the series, the Company also announces the “Grid Connector for DC” for AI data centers.

■ **“Grid Connector for BESS” for Utility-scale Projects**

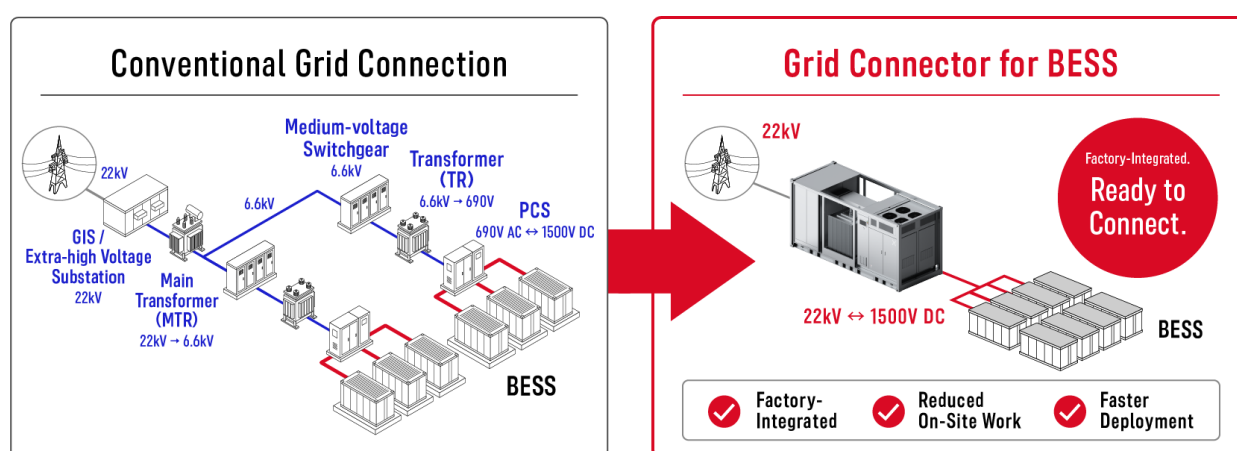
The Grid Connector for BESS is a high-efficiency, all-in-one grid interconnection solution

featuring silicon carbide (SiC) power modules. Two models will be offered: a 2.5 MVA model packaged in a single 20-foot-container-sized unit and a 5 MVA model consisting of two units.

The product offers high compatibility, in terms of both hardware and software, with the Company's large-scale BESS products in the "Mega Power" series. When deploying a utility-scale BESS project with the "Mega Power 2500," up to eight battery containers can be connected to a single "Grid Connector." This not only increases flexibility in site footprint and layout, but also minimizes on-site system integration and simplifies installation work.

The product also features the Company's newly developed in-house PCS. Compared with the externally procured PCS used previously, the newly developed PCS lowers costs. By optimizing the entire system, including transformers and high-voltage switchgear, it also helps reduce the initial deployment cost of battery farms. The PCS will also be available on a standalone basis, in addition to being offered as part of the integrated "Grid Connector."

Prototyping and validation of the Grid Connector for BESS will begin at the end of this year, with mass production and market rollout starting sequentially from Q3 of 2027.



■ "Grid Connector for DC" for AI Data Centers

This product applies the grid interconnection technologies developed for battery farms to AI data centers. It simplifies and accelerates the construction and grid connection of AI data centers, where power consumption and heat generation continue to grow. The equipment required to launch a megawatt-class GPU data center is consolidated into the following function-specific units:

- Power Unit: substation equipment housing a SiC-based PCS, transformers, and other components
- Battery Unit: built around the "Mega Power 2500," a 10-foot-container-sized BESS
- Cooling Unit: equipped with chillers and coolers that supply the cooling water essential to data centers

The factory-integrated modular design enables the Company's "Zero-Day Connection" concept (Note 1), while redundant power and cooling provide the reliability required of the latest AI data centers. By integrating power, storage, and cooling equipment and centralizing the control and communication specifications and access management of each unit, the product reduces cybersecurity risks compared with configurations in which multiple systems are connected and managed independently. In addition, because a large-capacity battery is included as standard, ancillary equipment such as UPS (uninterruptible power supply) systems can be simplified in some configurations, supporting business continuity planning (BCP).

For the data center product, a prototype will be installed in early 2027. Following operation and validation, the Company plans to begin preparations for mass production and start accepting orders.

For more details on the “Grid Connector” series, please see the product launch video and dedicated website.

Announcement video:

<https://www.youtube.com/live/UEW-B06y8Gc>

Website:

<https://power-x.jp/grid-connector>

(Note 1) “Zero-Day Connection” is the Company’s proprietary product concept aimed at bringing facilities online sooner by pre-integrating key equipment at the factory and simplifying the scope of on-site work. It assumes that the required preliminary work and procedures have been completed; actual schedules and construction periods vary depending on system configuration and site conditions.

Outlook (Impact on Financial Results)

The impact of the announcement of this product on the Company’s consolidated financial results for the fiscal year ending December 31, 2026 is expected to be minimal. The Company will promptly disclose any matters requiring further announcement.