



NEWS RELEASE

EnerSys Strengthens High-Efficiency Broadband DC Power Systems with New Cordex® HP 48V-5.0kW Rectifier

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READING, Pa.--(BUSINESS WIRE)-- **EnerSys** (NYSE: ENS), a global leader in stored energy solutions for industrial, infrastructure, and defense applications, today announced the new generation of high-efficiency Cordex® CXPS DC power system configurations, built around the new Cordex® HP 48V-5.0kW rectifier for cable broadband and communications network applications.

Delivering up to 97.1% peak efficiency, 5.0kW maximum output and 15kW/RU power density, the new rectifier is intended for integration with the Cordex® CXPS-HX, CXPS-C and CXPS-W power systems. The planned integrations bring higher conversion efficiency and power density into DC power system configurations for headends, hubs and central offices, where energy use, power capacity and available space are increasingly linked. The rectifier is certified to CSA/UL 62368-1 (Edition 3) for Canada and the United States, and IEC/EN 62368-1 (Edition 3) for Europe, Asia Pacific, the Middle East and Africa.

As broadband networks expand capacity, the physical infrastructure supporting them does not necessarily expand at the same rate. Operators increasingly need to accommodate higher DC loads within existing rack and floor-space constraints while also managing the recurring energy cost of continuously powered network facilities.

At the module level, the Cordex® HP 48V-5.0kW rectifier addresses both constraints: less energy lost in conversion and more power delivered per rack unit.

A System-Level Approach to Efficiency

Planned integration across compatible Cordex® CXPS power systems extends these efficiency benefits beyond the rectifier module:

- Energy efficiency: Up to 97.1% peak conversion efficiency reduces AC-to-DC conversion losses, helping lower the energy required to support a given DC load and reduce heat generated within the facility.
- Rack-space efficiency: At 15kW/RU power density, the rectifier enables more DC capacity within a given rack footprint, providing greater flexibility for the system configuration and future, capacity requirements.
- Facility-space efficiency: Front-access Cordex® CXPS-HX and CXPS-W power systems can eliminate the rear maintenance clearance requirement by traditional rear-access designs. In a representative 10-foot by 8-foot shelter layout with one power system and two battery racks, this configuration can reclaim up to 17.5% of total floor space.
- Deployment efficiency: Universal AC input reduces the need for multiple input-specific rectifier variants, simplifying specification, inventory, staging and spare-parts management.

“Broadband operators are being asked to add network capacity while working within existing energy, rack-space and facility constraints,” said John Hewitt, Vice President, Communications, Americas, EnerSys. “That is why we see efficiency increasingly as a system-level issue, not simply a rectifier specification. The Cordex® HP 48V-5.0kW rectifier gives operators a way to improve conversion efficiency and power density while leveraging the space and access advantage of our Cordex® CXPS power systems.

The Cordex® HP 48V-5.0kW rectifier is progressing through validation toward phased commercial availability. Initial commercial availability is planned for approved greenfield applications, with additional Cordex® CXPS power system configurations and selected installed-base applications following as applicable system-level validation, certification and commercial-readiness activities are completed.

EnerSys to Showcase Cordex® HP 48V-5.0kW Rectifier at SCTE TechExpo26

At the event, EnerSys will demonstrate the rectifier integrated into a front-access Cordex® CXPS-HX power system, highlighting its combination of high conversion efficiency, power density and front-access serviceability.

SCTE TechExpo26 takes place September 29 through October 1, 2026, at the Georgia World Congress Center in Atlanta, Georgia.

For more information about the Cordex® HP 48V-5.0kW rectifier and compatible Cordex® CXPS power systems, visit <https://www.enersys.com/en/products/dc-power-solutions/rectifier-modules/48vdc-cordex-hp-5.0kw/>

About EnerSys

EnerSys is a global leader in stored energy solutions helping industrial, infrastructure and defense customers address critical power and operational needs with batteries, chargers and other power equipment. The company delivers integrated solutions that combine energy storage technologies, power electronics, software-enabled intelligence, technical expertise and comprehensive global customer support. EnerSys supports customers across communications networks, data centers, energy infrastructure, material handling, transportation, aerospace and defense — including applications where power continuity is essential. Serving customers in more than 100 countries, EnerSys helps organizations manage energy more reliably, efficiently and intelligently in complex operating environments where uptime, safety and resilience matter. For more information, visit www.enersys.com.

Caution Concerning Forward-Looking Statements

EnerSys is making this statement in order to satisfy the “Safe Harbor” provision contained in the Private Securities Litigation Reform Act of 1995. Any of the statements contained in this press release that are not statements of historical fact may include forward-looking statements that involve a number of risks and uncertainties. A forward-looking statement predicts, projects, or uses future events as expectations or possibilities. Forward-looking statements may be based on expectations concerning future events and are subject to risks and uncertainties relating to operations and the economic environment, all of which are difficult to predict and many of which are beyond our control. For a discussion of such risks and uncertainties that could cause actual results to differ materially from those matters expressed in or implied by forward-looking statements, please see our risk factors as disclosed in the “Risk Factors” section of our annual report on Form 10-K for the most recently ended fiscal year. The statements in this press release are made as of the date of this press release, even if subsequently made available by EnerSys on its website or otherwise. EnerSys does not undertake any obligation to update or revise these statements to reflect events or circumstances occurring after the date of this press release.

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