



NEWS RELEASE

FOR IMMEDIATE RELEASE

Contact: Robert F Coveny
VP of Business Development
rcoveny@curtisswright.com

John Wranovics
Director of Communications
M: 925.640.6402
jwranovics@curtisswright.com

Curtiss-Wright Debuts Family of Rugged, Modular High-Voltage DC/DC Converters

New LV-HV-DCC converter line, available off-the-shelf or configured to meet unique voltage level requirements, features intelligent and scalable power management

EUROSATORY 2024 (Hall 5B, Booth #B392) – PARIS NORD VILLEPINTE EXHIBITION

CENTER, VILLEPINTE, France – June 17, 2024 – Curtiss-Wright's [Defense Solutions Division](#), a trusted, proven supplier of precision motion control systems, today introduced its first line of commercial-off-the-shelf (COTS) high-voltage DC/DC converters designed for use in low- to high-voltage aerospace, defense and industrial electronic systems. The [LV-HV-DCC family](#) of modular and scalable DC/DC converters enables intelligent, safe power management of input/output parameters, including power, voltage, and current. Designed to bidirectionally convert low-voltage and high-voltage power signals in deployed applications, the first four members of this new product family support configurable voltage levels up to 750 V and meet international standards for high-voltage electronics and environmental standards for defense and aerospace deployment. Built for maximum flexibility, the modular LV-HV-DCC DC/DC converters can be easily configured to support additional voltage levels per customer requirements.

“Our new LV-HV-DCC line of modular and configurable high-voltage DC/DC converters is designed to perform optimally in harsh, deployed environments,” said Brian Perry, Senior Vice President and General Manager, Curtiss-Wright Defense Solutions. “The LV-HV-DCC power converter family is built to meet the most stringent environmental standards for military ground vehicles and

commercial automotive safety standards, making them ideal for use in a wide range of aerospace, defense and industrial applications where the highest levels of reliability and performance are critical. Now, for the first time, we are bringing our expertise as a leading supplier of high precision, field proven motion control solutions to the COTS DC/DC converter market.”

The first members of the LV-HV-DCC converter family include 8 kW/450V, 8 kW/750V, 12 kW/450V, and 12 kW/750V configuration variants. Curtiss-Wright also plans to announce additional LV-HV-DCC products that are able to support voltages >750 V as customer requirements evolve (for applications that require high voltage DC/DC conversion >750 V, please contact the factory). The LV-HV-DCC converters are ideal for use in demanding applications across multiple domains for use on air, ground, and naval platforms, including fixed-wing and rotary aircraft, tanks, mobile radar station, cranes, trucks, excavators, war ships, and submarines.

The use of leading communications standard interfaces enables LV-HV-DCC DC/DC converters to be seamlessly integrated into a broad range of system architectures and environments. To ease and speed system development and integration, Curtiss-Wright LV-HV-DCC DC/DC products ship with a user-friendly service application that enables the DC/DC converters to be easily configured, optimized, and integrated with just a few clicks.

To learn more about Curtiss-Wright’s power management products, please click [here](#).

For additional information, please visit www.curtisswrightds.com, LinkedIn, and X @CurtissWrightDS.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation (NYSE:CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding Commercial Power, Process and Industrial markets. We leverage a workforce of approximately 8,600 highly skilled employees who develop, design and build what we believe are the best engineered solutions to the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships. For more information, visit www.curtisswright.com.

###

NOTE: All trademarks are property of their respective owners.